

Dorm Designers Reveal Ideas

Residence Hall Plans Presented in Forum

By Laura McGrath Moulton
ASSOCIATE NEWS EDITOR

After months of forums and debates about the future of MIT housing policy, the discussion on campus has finally shifted to bricks-and-mortar decisions.

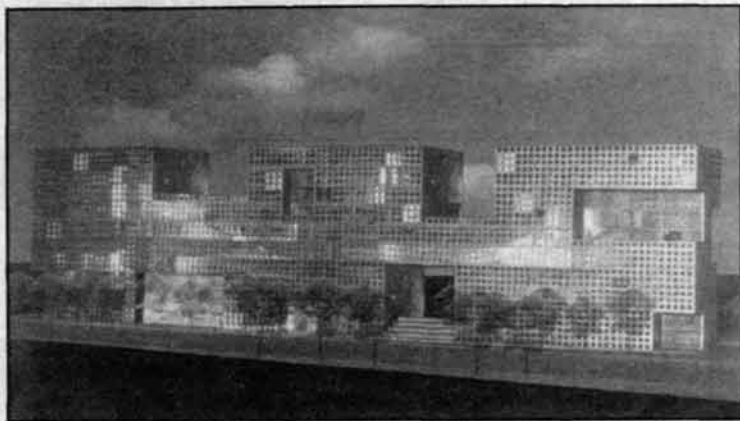
Last night, approximately fifty students met with members of the Founders Group in a lively exchange of ideas about the new undergraduate dormitory.

"There were a lot of good questions," said Project Coordinator Deborah Poodry. "I was pleased people got into the drawings" of the dormitory, which were posted in the front of Room 10-250.

Design focal point of discussion

Tim Bade of Steven Holl Architects offered a half-hour slide presentation of the new dormitory before answering questions from students.

Initially, the modern design of the building, described by Bade as embodying "isotropic porosity," elicited some laughter from the



COURTESY STEVEN HOLL ARCHITECTS

A nighttime view of the southern facade of new undergraduate dormitory scheduled to be completed in 2001 and located on Vassar Street.

audience. Soon, however, questions turned towards an examination of the design's details.

Kristie L. Tate '01, an architecture major, said of the design, "It's pretty interesting. They've come up with ways of incorporating ideas from different dorms. It's great that there are lots of public spaces, which I think MIT lacks as a whole."

"MIT has a history of commissioning contemporary architecture," Bade said. Other notable buildings on campus include Baker House by

Alvar Aalto and the Green Building by I.M. Pei '40.

Diversity a dormitory theme

The presentation emphasized the role of diverse living options within the dormitory, which will feature multi-story lounges interspersed among doubles and singles. Each room will include a bathroom, and some will also include a vestibule.

Founders Group member and Associate Professor of History Anne

New Dorm, Page 20

Harvard Student VP Facing Impeachment

Council Questions Campaign Finance, Mailings

By Sanjay Basu
ASSOCIATE NEWS EDITOR

Following accusations of campaign violations regarding buttons, lemonade, and some \$97.95, Harvard's Undergraduate Council announced Sunday that it would begin impeachment hearings against newly-elected Vice President John A. Burton.

Burton, a junior, has been accused of violating campaign rules during December's UC elections.

Ten UC members filed two articles of impeachment against Burton, who has been accused of using over 100 buttons from the office of Harvard's Bisexual, Gay, Lesbian, Transgender and Supporters' Alliance without permission. Burton also allegedly handed out over 100 servings of lemonade on election day and reported costs of just \$1. Burton claimed that he obtained the lemonade for no charge from the cafeteria and took buttons that were freely available to members of the public.

In an e-mail message sent to students, he wrote: "In the eyes of the average Harvard student, this is petty and disgusting ... Such ugliness over lemonade and buttons is embarrassing."

But UC officials were most outraged by the finding that Burton and running mate Fentrice D. Driskell, a junior, distributed flyers to freshmen.

"This type of mail-dropping," wrote impeachment supporters Kyle D. Hawkins, a sophomore, and John P. Marshall, a junior, "is a direct violation of the policy." Burton claimed that university officials gave him permission to distribute the flyers.

Those who signed a petition against Burton include three students — juniors Sterling P.A. Darling, Todd E. Plants and Frank X. Leonard — who ran against Driskell and Burton in the presidential race.

According to a second article of impeachment, Burton also provided false testimony to the council's election commission, although details of the testimony were not revealed by UC members. Some UC officers claim that Driskell and Burton had overspent their \$100 campaign limit by as much as \$13. The council's election commission found that the duo's campaign expenses amounted to only \$97.95 — \$2 more than the candidates had previously disclosed.

Burton reportedly told *Boston Globe* reporters that "This is really about a bunch of young Republicans playing senator."

Some critics of Burton said they signed the petition because Burton was damaging the UC's reputation.

"John Burton epitomized everything the average student hates about the council," Leonard said.

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Investigation into Deutch Security Breach Impeded

By Kevin R. Lang
NEWS EDITOR

Institute Professor and former CIA director John M. Deutch '61 is once again in hot water.

Some five months ago, the Central Intelligence Agency suspended Deutch's security clearance after the CIA found that Deutch had used insecure personal computers to store thousands of classified documents, even after his tenure as director had ended.

Last week, a CIA report concluded that top officials impeded the Deutch investigation. Moreover, the *Washington Post* reported Saturday that Deutch still has clearance to work on classified defense contracts, despite the earlier violations and subsequent sanctions.

The clearance allows Deutch to

consult on Defense Department contracts with companies including Raytheon Company, which makes defense electronics and aircraft.

Officials hindered investigation

The report found that a series of actions by the agency's former executive director and general counsel "had the effect of delaying a prompt and thorough investigation of this matter." The report states that current CIA director George J. Tenet did not "forcefully ensure" a thorough investigation.

The report does not accuse Tenet or his aides of illegal activity, but the CIA has established a panel to examine handling of the case.

The original investigation into

Deutch, Page 17



John M. Deutch '61

TECH FILE PHOTO

Depression Most Prevalent Mental Disorder in America

By Karyn Lu

This article is the first in a series regarding depression and mental health issues. It presents a general description of depression and its symptoms; future articles will discuss topics such as mental health and support services at MIT.

Feature

Clinical depression is far more menacing than just the passing "blues" that everyone experiences at some time or another in their lives. Depression is not a sign of personal weakness, and people suffering from depression cannot simply "pull themselves together."

In actuality, depression is the most common serious brain disease in the U.S. today. Major (also called unipolar) depression, a physical illness whose principal manifestations are psychological, involves frequent episodes of intense hopelessness and lowered self-esteem. It can effect an individual's mood, body, behavior, and mind; when left untreated, depression may eventually lead to suicide.

Major depression is recognized as the most prevalent type of mood disorder today. It is estimated that 17 percent of the U.S. population (between 5-12 percent of men and 10-20 percent of women) will suffer from a major depressive episode at least once in their lifetime.

According to the DSM-IV (Diagnostic and Statistical Manual of Mental Disorders) of the American Psychiatric Association, the most widely accepted guide for classifying psychiatric and psycho-

logical disorders today, a major depressive episode is diagnosed by the presence of at least five of these nine symptoms during the same two-week period:

1. Depressed mood
2. Reduced interest in almost all activities
3. Unintended significant weight gain or weight loss
4. Insomnia, or sleeping too



JAMES CAMP - THE TECH

THE STORY OF CHESS — A freedom fighter (David Zych '00) tells his daughter how the game of chess began, setting the stage for *Chess*, Tim Rice's cold war musical. *Chess* was brought to La Sala de Puerto Rico this weekend by MIT's Musical Theatre Guild. See story page 7.

NEWS BRIEFS

Pedestrian struck and killed in Central Square; search for a new Dean for Student Life begins.

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Comics

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OPINION

Michael Borucke discusses the Seattle World Trade Organization protests.

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WORLD & NATION

Election of First Female Governor Boosts Japan's Governing Coalition

WASHINGTON POST

TOKYO

Fusae Ota's election in Osaka as Japan's first female governor was being viewed Monday as a welcome boost to Prime Minister Keizo Obuchi and Japan's governing three-party coalition.

The ruling Liberal Democratic Party and its coalition partners supported Ota's candidacy — over the objections of the party's Osaka chapter — in the closely watched vote Sunday. She was a longtime bureaucrat in Tokyo who had not run for political office before.

"She's a bureaucrat, but being a woman, the smell of bureaucracy was less strong," said Takayoshi Miyagawa, a political commentator and consultant. "Plus, after the sexual harassment scandal, she is regarded as remote from sexual harassment."

Osaka's former governor, Knock Yokoyama, resigned in December as he was about to be prosecuted on charges of groping a female campaign worker.

Editorials and analysts noted Monday that what people in Osaka really wanted was leadership to rescue Japan's second-largest city from the effects of the recession and to deal with the budget deficit.

Russian Assault Targets Fleeing Chechen Guerrillas

WASHINGTON POST

SLEPTOVSKAYA, RUSSIA

With the battle for Grozny over, Russia launched a ground and air assault in central and southern Chechnya on Monday, seeking to crush rebels fleeing the region's battered capital and those hiding out in mountain strongholds in the south.

Fighting erupted in towns and hamlets west and south of Grozny as Russian jets and helicopters tried to stop the rebels from escaping into the mountains, according to Russian reports and information from refugees crossing into neighboring Ingushetia.

Russian troops surrounded the villages around Gekhi-Yurt, south of Grozny, as well as nearby Katyr-Yurt, firing artillery into areas inhabited by civilians.

The Russians also began ferreting out rebels still holed up behind their lines. In Grozny, soldiers scoured basements for remnants of the guerrilla force that defended the city during five months of heavy bombing and a six-week ground assault.

Catalytic Antibody Consumes Cocaine in Bloodstream

WASHINGTON POST

Using methods seldom applied in drug abuse research, Donald W. Landry built a "catalytic antibody" that eats cocaine in a lab rat's bloodstream.

And this spring, the Gaithersburg, Md., biotech company MedImmune Inc. will join forces with him to refine his technique to make an antibody strong enough to treat cocaine abuse in humans.

Landry may not have found the "magic bullet" in the war on drugs, but he appears to be as close as anyone. "If he is successful," said Frank Vocci, director of treatment research and development at the National Institute on Drug Abuse, "he would actually have an antibody able to reduce cocaine to an inactive substance as fast as people put it into their bodies."

Success is by no means assured. Scott Koenig, MedImmune's senior vice president for research, said that while Landry "has shown conceptually that it can work," the antibody does not yet function rapidly or efficiently enough to be used in humans.

Koenig said that MedImmune expects to show whether the technique can be commercially viable.

Hillary Clinton Campaigns Upstate on Economic Goals

By John F. Harris
THE WASHINGTON POST

BUFFALO

One day after making her official entrance into the New York Senate race, Hillary Rodham Clinton came to the state's western end Monday and pledged that her brand of Democratic politics can help usher an ailing industrial economy into a high-technology age.

While the first lady's historic Sunday announcement was devoted to the broad biographical and policy themes that will define her candidacy, the next day amounted to a deep plunge into details — of her programs and her campaign to convince upstate voters that this Empire State newcomer is more familiar with their issues than they supposed.

"I will be back time and time again," Clinton promised. "I feel very much at home here in western New York."

Her subject was economic development: "How do we change from the 'Rust Belt' to the 'Byte Belt?'" as Clinton posed the question, her reference to computer bytes invoking a slogan used by officials here.

The first lady's answer highlighted the similarities between her politics and President Clinton's.

Extolling the virtues of the Internet economy — and asserting that government must keep an energetic role as a catalyst to the technological transformation — has been a staple of his speeches for years. Monday afternoon, appearing at a nonprofit worker training facility, Hillary Clinton laid down proposals on the subject that, if anything, showed her with a more wonkish bent than her husband.

She endorsed "technology bonds," which would give federal tax credits instead of interest to investors and would be issued by state and local governments in less affluent areas to build the infrastructure for high-speed Internet access. She backed technology extension programs modeled on traditional agricultural extension services. She proposed a doubling of federal spending on "regional skills alliances," which are working training partnerships between employers and educational institutions. There was talk of high air fares to upstate and the need for more "entrepreneurial incubators" to help small businesses with legal and patent advice.

All this programmatic detail and jargon didn't exactly make for foot-

stomping oratory. But the unspoken argument was unmistakable: it is Hillary Clinton, not New York Mayor Rudolph W. Giuliani, her Republican opponent, who has given more thought to the problems of upstate.

While there are pockets of prosperity — Rochester's technology-oriented economy has thrived despite layoffs at big employers like Eastman Kodak — most of upstate is lagging. If the region beyond New York City and its suburbs was a separate state, it would rank 45th in the nation in job growth, Clinton's campaign asserted.

Her strategists believe this malaise presents an opportunity for a Democrat even in a traditionally Republican region. Clinton's announcement tour will take her this week also to Rochester, where she will talk about health care, Syracuse for an education event, and Albany.

Clinton also played on an Empire State grievance that it pays some \$15 billion more in federal taxes than it gets back. Noting that this pattern dates to the Depression-era days, when New York prospered more than other states, she said, "It is time for our friends in the rest of the country to return the favor."

British Authorities Negotiate For Release of 150 Hostages

By Marjorie Miller
And Dexter Filkins
LOS ANGELES TIMES

LONDON

The hijackers of an Afghan airliner released eight more hostages at an airport northeast of here Monday but continued to hold about 150 passengers and crew as negotiators worked to bring a peaceful end to a two-day drama stretching across five countries.

Police said the hijackers had made no demands since touching down at Stansted Airport before dawn other than for food, water, toiletries and medical supplies, all of which were delivered throughout the day, along with a generator to keep air conditioning going in the commandeered aircraft.

The state-run Ariana Airlines

Boeing 727 was seized shortly after takeoff early Sunday on a domestic flight from Kabul, the capital of Afghanistan, to the northern city of Mazar-i-Sharif — a trip that should have lasted about an hour.

Instead, hijackers directed the plane to Uzbekistan, Kazakhstan and Russia, releasing about 20 hostages before landing in Britain. Late Monday, most of the passengers, including 21 children, 17 women and 14 crew members, settled in for a second night on board.

Essex County police warned that the negotiations could continue for many days, as it is Britain's policy not to let a hijacked aircraft leave once it has landed on a British tarmac.

At least six and possibly as many as 10 hijackers believed to be

Afghan opponents of the country's Islamic fundamentalist Taliban regime were holding the aircraft, armed with guns, grenades and knives. But there was no confirmation of the hijackers' identities.

Mullah Mohammed Omar, the Taliban's supreme leader, blamed the hijacking on a coalition of groups resisting Taliban rule in northern Afghanistan.

"Those who have hijacked the plane have links to and are agents of (rebel chieftain) Ahmed Shah Masoud ... and are, in effect, terrorists," Omar said in a statement.

"We condemn terrorism in all its forms and will never talk to terrorists and will never accept their demands. If the British government talks to them or carries out any act, that will be their decision," he said.

WEATHER

Fun on Wednesday

By Gregory Lawson
STAFF METEOROLOGIST

The clockwise flow around a large high building into New England will help keep a very cold Canadian air mass to our north. It will be colder today than yesterday, but not nearly as cold as it would be with the wind direction reversed. The healthy southerly/southwesterly winds will have advected the colder air away by this evening, setting us up for a warmer than average night tonight and a beautiful day tomorrow. Be sure to take advantage of Wednesday's mostly clear skies and the temperatures in the mid to high 40's!

As the high moves out to sea having passed just south of us, we'll be under the influence of the northeasterly winds of its return flow and temperatures will drop accordingly, back to around 40°F or so. The available computer models give different stories. Light precipitation is likely in the form of flurries by late Thursday night/early Friday morning associated with a cold front that should pass just to our north. Expect the daily high temperatures to drop back down into the 30's though remaining above freezing.

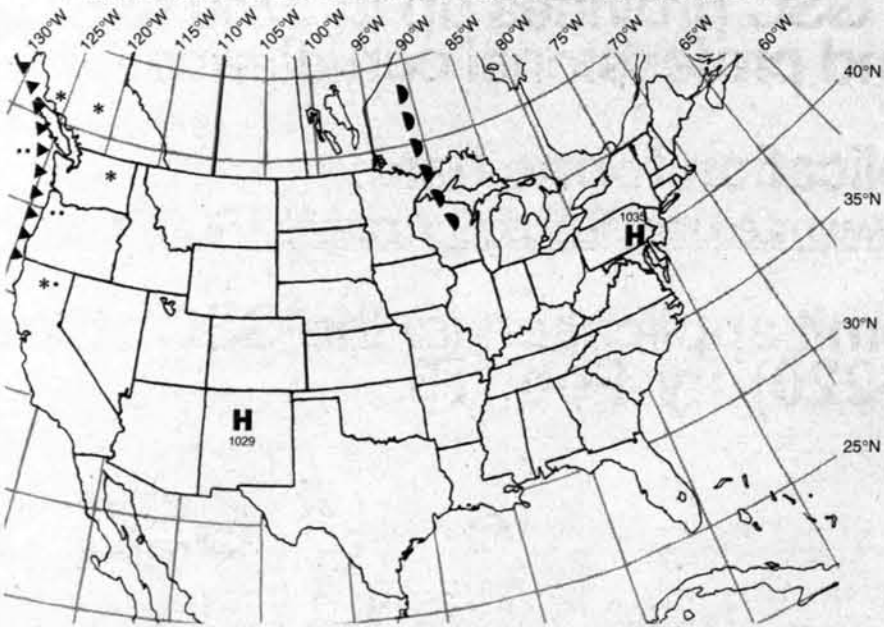
Today: Clear and cool. Winds shifting to southwesterly. High of 30°F (-1°C) with wind chills down around 15°F (-9°C).

Tonight: Clear and cool. Winds continue to bring warmer air. Low of 24°F (-4°C).

Tomorrow: Very pleasant indeed. Mild southwesterly breeze with temps reaching 48°F (9°C). Mostly sunny skies. Lows just reaching freezing.

Thursday: Winds shifting to northeasterly. Cloudiness increasing. Chance of light snow by evening but nothing major. High of 40°F (4°C) with a low in the upper 20's (-7°C to -5°C). Chance of light snow by evening but nothing major. High of 40°F (4°C) with a low in the upper 20's (-7°C to -5°C).

Situation for Noon Eastern Standard Time, Tuesday, February 8, 2000



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	--- Trough	Snow *	Fog
L Low Pressure	--- Warm Front	Light *	Thunderstorm
S Hurricane	--- Cold Front	Moderate **	Haze
	--- Stationary Front	Heavy ***	

Compiled by MIT Meteorology Staff and The Tech

Yugoslav Defense Minister Slain In Belgrade in 'Terrorist Act'

By Paul Watson
LOS ANGELES TIMES

VIENNA, AUSTRIA

A gunman firing a Kalashnikov assault rifle killed Yugoslav Defense Minister Pavle Bulatovic as he dined in a Belgrade restaurant surrounded by military and secret-police buildings Monday night.

Just hours after the slaying, Yugoslavia's government went into emergency session for the first time since NATO launched airstrikes against the country last March.

Military police wearing armored vests sealed off the area to traffic; no arrests were reported Monday night.

Although Belgrade is notorious for its many high-profile slayings of politicians, police, mob bosses and at least one suspected war criminal, Bulatovic was the most senior official assassinated since Yugoslav President Slobodan Milosevic rose

to power in 1987. Few of the cases have ever been solved.

Coming so soon after the Jan. 15 slaying of indicted war criminal Zeljko Raznatovic, a Serbian gangster and paramilitary leader better known as "Arkan," Bulatovic's death fueled speculation that Milosevic may be trying to eliminate close allies who have detailed knowledge of alleged war crimes.

But Bulatovic was a Montenegrin, and a top official in the Socialist People's Party, which is the main opposition to Montenegro's pro-Western president, Milo Djukanovic. So Milosevic is by no means the only suspect behind the shooting.

Montenegro is Serbia's neighboring republic in what remains of Yugoslavia, and tensions between the two have increased in recent months. Djukanovic has repeatedly threatened to declare independence, while Milosevic has warned him not

to dare delivering the final blow to the Yugoslav federation.

After independent Serbian media broke the news of Bulatovic's killing, state-run television read a brief government statement that said: "With sorrow and sadness, we announce that Defense Minister Bulatovic has died. He is a victim of a classic terrorist act."

Vuk Obradovic, an army major general and director general of the state-owned Ju-Garant bank, which handles the Yugoslav military's finances, was slightly injured, along with the restaurant's manager, Mirko Knezovic.

Although Bulatovic was a close political ally of Milosevic, he was not considered a key player in the military chain of command and was not publicly accused of war crimes by the International Criminal Tribunal for the Former Yugoslavia at the Hague.

Clinton's Expansive Final Budget Gets Cool Republican Reception

By Charles Babington
and Juliet Eliperin
THE WASHINGTON POST

WASHINGTON

President Clinton's eighth and final budget, an activist blueprint that would expand a host of government programs for years to come, received a hostile reception Monday from congressional Republicans who say more money should be devoted to tax cuts.

Even as they denounced the president's \$1.84 trillion budget as largely irrelevant, however, GOP leaders acknowledged there could be eventual accords on popular issues such as helping Medicare recipients pay for prescription drugs, reducing the "marriage penalty" in the tax code, and helping families pay for long-term care.

But beyond that relative handful

of issues, analysts predicted little success for major initiatives from either party because the public is content to keep the economy on course.

Stan Collender, a budget specialist at Fleishman-Hillard, a public relations company, predicted a stalemate similar to last fall's, in which Clinton vetoed a big GOP tax-cut bill, Congress rejected his major initiatives, and the resulting surplus was applied to bringing down the federal debt.

"The economy is humming and the world's at peace ... so we don't need Washington to do anything with the budget this year," Collender said. "The average American is at home saying, 'Whatever you do, guys, just don't screw it up.'"

In an 11-minute speech Monday to reporters and others at the White

House, Clinton said the government should stay the course he set in 1993: increasing spending on education and a few other programs while reducing the deficit, a strategy that appealed to Wall Street and helped feed the ongoing economic boom.

"When I took office, we'd had 12 years of big deficits, a quadrupling of the national debt that had led to high interest rates and low growth," the president said. "By the end of this year, we will have paid down the debt by nearly \$300 billion. But ... the debt is still high."

In his budget plan Monday, the president proposed tax cuts for helping moderate-income families pay for health care and college, and making it easier for low-income workers to afford child care; he also called for new taxes on cigarettes and closing various corporate tax "loopholes."

Aggressive Patenting May Stifle Gene Discovery Benefits

LOS ANGELES TIMES

WASHINGTON

In one of the landmark cases dealing with the controversy involving human gene patenting, researchers at the University of Pennsylvania argue that patent holder Myriad Genetics, a Utah company, used its ownership claims on two genes to stifle development of new tests and treatments for breast cancer.

Early work on the genes, called BRCA1 and BRCA2, followed what used to be a familiar pattern. Scientists at several institutions raced to locate and decode the genes, which are linked to families with high rates of breast and ovarian cancers. Myriad, collaborating with the National Institutes of Health, got to BRCA1 first and later claimed it was first to BRCA2 as well.

Researchers, including Pennsylvania University's lab research director Arupa Ganguly, followed up by developing tests for variations in the genes that can signal susceptibility to disease. By 1998, the Penn lab was performing more than 700 tests a year.

That's when Myriad used its patent to pull the plug. It notified Ganguly and her colleagues that they could no longer do more than a handful of tests. The company also required the genes' co-discoverer, former NIH collaborator Phillip Futreal, to pay Myriad for tests he needed for his research. And it set a \$2,580 fee for the test, more than twice that charged by most other labs, including Penn's.

Recently, after a furor over the fee, the company relented and agreed to charge only \$1,200 when federally funded research such as Futreal's is involved.

U.N. OKs Beefing Up Troops for Sierra Leone Defense

LOS ANGELES TIMES

UNITED NATIONS

The Security Council on Monday nearly doubled the number of U.N. troops to be deployed in the West African nation of Sierra Leone and gave them new powers to defend themselves and civilians, after several embarrassing incidents in which peacekeepers in charge of disarmament were stripped of their own arms by rebels.

The council voted unanimously to increase the force from 6,000 to 11,100, which will make it the United Nations' largest field operation.

The U.N. mission in Sierra Leone, established in October, is being expanded to replace departing West African troops who expelled the rebels from the capital, Freetown, and helped restore President Ahmad Tejan Kabbah to power. Some of the Nigerian soldiers from the West African coalition will join the U.N. force, trading their hats for the peacekeepers' trademark blue helmets.

The new deployment order comes at a crucial time in the country's faltering peace. A cease-fire signed in July was expected to end Sierra Leone's particularly brutal eight-year civil war. When rebels were forced to retreat from Freetown last year, they cut off the arms, legs and ears of many civilians, including children, on their way out, and hundreds of children were abducted to be trained as young rebel warriors.



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The GSC provides up to \$250 to attend professional conference.

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<http://www.mit.edu/activities/gsc/Committees/ARC/TF/tf.html>

Submit application @ the GSC office (50-220) by Feb. 15.

February - Calendar

8

Activities Committee Meeting

10

Publicity Board Meeting

16

Housing and Community Affairs Committee Meeting at Ashdown @ 5:30pm

17

Academic, Research, and Careers Committee meeting

* @ 5:30 in 50-220 (above the muddy)

All graduate students are welcome. Food is provided.

* GSC Social *

Friday, Feb. 11, 5:30pm @ MIT Museum
All Graduate Students Welcome

OPINION

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Bradley vs. Gore: Debate's the Way

As one of the few at MIT who knows and cares about the New Hampshire results (as Eric Plosky put it on Feb. 4 in "A Primary Primer"), I would like to contribute my two cents to this issue.

In the Granite State, our version of democracy is viewed through a microscope. The press chews, digests, and spits back every action, speech, and proposal made by the Oval Office hopefuls. Every statement is magnified: even John McCain's minor allusion to 'homosexual-dar' caused a significant splash in the media.

That is why I am particularly concerned about the recent campaign tactics used by the Bill Bradley campaign. Last year, Bradley kicked off his run for the White House by attempting to reinvent politics so that it would be viewed as "a noble profession" and not "a dirty word." He set out grand ideals, such as universal health care, ending child poverty, and healing racial divides. By New Year's Day, Bradley — leading in New Hampshire polls — had shattered the inevitability of Al

Gore's nomination.

In the middle of January, the Bradley campaign decided to go negative. They were fed up with Gore's persistent attacks on Bradley's health care proposal and education plan. But instead of taking the high road and countering Gore's jabs with a genuine the debate on the issues, Bradley debased politics and brought the race to the personal level. Bradley attacked Gore's character, portrayed him as a liar, accused Gore of jumping "into bed with the special interests," and deployed a group of political operatives (the self-proclaimed "truth squad") to follow Gore around at his events.

Besides being nasty politics, this type of campaign is bad strategy. Most states in the next round of primaries (e.g. New York, California) do not let independents vote. Among Democrats, Bradley lost New Hampshire by 16 percentage points. Insulting the character of a man who served his country honorably in the military, and fought for Democratic values for 23 years, is no way to get those votes back.

Bill Bradley is not an evil or bad person; he has just made a poor decision. I implore Senator Bradley to attack the Vice President on

substantive issues, thus beginning a dialogue on health care, education, and Social Security that will enlighten the people of America and restore honor to our political system.

Aaron Strauss '02

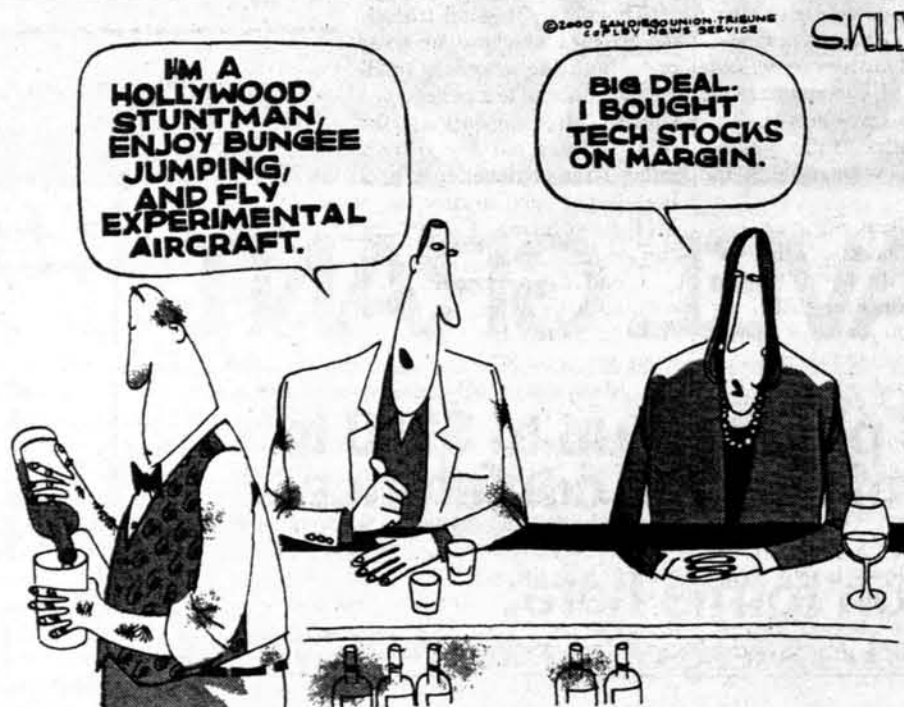
Erratum

A recent article on the MacVicar teaching awards ["MacVicar Teaching Awards Announced," Feb., 4] mistakenly reported that Professor Jacquelyn Yanch was not tenured. She is a tenured professor in the department of nuclear engineering. The paragraph which describes Yanch's contributions to Course XVI should have referred to Dava Newman.

In an article concerning the beginning of the \$50K contest ["Trilogy CEO Liemandt Kicks-off \$50K Contest," Feb. 4], the name of Trilogy Software was incorrectly spelled.



"Set the thermostat to 'No Prescription Drugs This Month.'"



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Running The Numbers

Guest Column
Christopher Lin

When I arrived on campus in the fall of 1995, I was ambushed, along with the rest of my class, and just like every class before mine for as long as anyone can remember, by the traditional BayBank enrollment party encamped in the Student Center lobby. As far as I could tell, there was only one bank anywhere near campus, and that was BayBank. Not knowing any better, I signed up and borrowed \$2,500 from my parents to put in a certificate of deposit (at about 4.5 percent) to qualify for the "Classic Value Package," which exempted me from any fees.

BayBank merged with Bank of Boston soon after that (to form BankBoston). By the summer of my sophomore year, 1997, I started seeing \$10 deductions from my monthly statements. I went back through the pile of letters and brochures, which I hadn't read, that the bank had sent to me over the past semester and discovered that money held in a CD now counted at a 50 percent discount towards my minimum balance requirement. I wasn't about to permanently leave \$2,500 in a savings account paying only 2 percent, or ask my parents for another \$2,500, so I opened a new account at U.S. Trust and put the CD money in a stock mutual fund that has done about as well as other stock mutual funds have done during our current economic boom (certainly better than 4.5 percent).

I was enraged at what I saw as a betrayal by BayBank. In fact, I was so enraged that in a fit of activism I actually joined the Undergraduate Association. I set out to "bring down BankBoston," but settled for getting alternate banks to advertise in the Student Center and publishing a banking information brochure. These banks wouldn't be allowed to actually open accounts on campus — because of peculiar contractual arrangements between MIT and BankBoston — but they were allowed to pitch their wares. U.S. Trust and Cambridge Trust leapt at the chance. BankBoston's personnel were joined by the competition's when the next batch of suckers, the Class of 1997, was herded into the Student Center for the beginning of their glorious years here at MIT.

Now I find myself, nearly graduated, facing another bank merger. This time, I've paid much closer attention to the reams of literature sent by my bank to assure me that it still cares about me. My attentiveness was rewarded when I received my new terms and discovered that, yes, indeed, I would have to pay more for banking. This was no surprise; in fact, I had already initiated changes to allow me to switch to a new financial institution quickly and easily.

By the way, Citizens Bank has a cheaper checking option ("Basic Checking") than the one *Tech* reporter Laura Moulton ["Merged Citizens, U.S. Trust Drop Free Checking Option," Feb. 4] managed to get out of its customer service representative, and their no-fee ATM use is not exactly no-fee (read the fine print on ATM use within the SUM alliance).

Summer 2000 will find me in the San Francisco area, basking in the sun and putting my money into an account at my new financial institution. This financial institution isn't actually a bank. It's a brokerage firm that allows me to write checks on my cash account. Am I rich enough to have an account that's profitable for the firm? No, but apparently my Brass Rat told them I will be, so they took me anyway.

There are still a lot of banks in the area. In addition to the ones I've already mentioned, Cambridge Savings Bank, Wainwright Bank, and Sovereign Bank (which will take over all Fleet branches when the Fleet-BankBoston merger is finally complete) spring to mind. Though I'm not ready to trust them, there are also Internet banks. And there are other institutions, such as credit unions, that offer bank-like services and sometimes much more.

Take the time to research your choices. You'll learn a lot about what you can do with your money other than paying \$11 a month to let it rot in a low-interest checking account. Remember, it's your money, and the only person who really cares about keeping it yours is you.

Christopher Lin is a member of the Class of 1999.

The Corrupting Power of Blue

Michael Borucke

I must say, the media has done an excellent job at controlling and subduing the minds of a majority of the American population. Most Americans find out what is important when it comes over the TV or when they read the newspaper. They find out which country they should hate, what they should wear, what it means to be beautiful, successful and happy. And when something enters the media that is not in line with the brainwashing efforts, the media always downplays its significance. No, the public shouldn't concern themselves with the conflicts in East Timor or the domestic labor issues in the Midwest. There's no need to investigate the legitimacy or efficacy of U.S. involvement. People should just trust that the government is right and has the situation under control. The only participatory activity the public need enter into is the absolute approval of the government's action.

But what can be done about the minority of the population that isn't controlled by the media? What about the free thinkers who observe and act against injustice? Well, you bring in a system to suppress these people. A system that appears to stand for justice and democracy for a brainwashed majority, but in reality functions to maintain a status quo where the elite are in charge, and the people have no power. You bring in the police. The demonstrations in Seattle several months ago were a good example of this practice.

Trade ministers from 135 governments converged in Seattle a couple of months ago for the World Trade Organization ministerial to negotiate the terms upon which trade would become globalized. Fortunately, thousands of protesters brought the harmful policies of the WTO to the world's attention by staging rallies in Seattle and blocking the entrance of the building in which the conference was to be

held. These acts of civil disobedience closed down the opening ceremonies of the conference and effectively impeded the progress of the entire meeting.

While it could be argued that the actions of the protesters were "dangerous" and warranted the large police presence, the actions of the police indicate that the protesters were not a threat to anyone but the elite who would profit from further unjust trade practices. One may point to the fact that the breaking of windows by the anarchists occurred after the police began gassing the demonstrators. Although the protest was peaceful, the police still found it necessary to shoot the protesters with rubber bullets. And even though it is every American's right to assemble, the police still tried to disrupt the event by hurling can after can of tear gas and concussion grenades at the protesters.

Why? These people didn't want to harm anyone; they only wanted to change what they deemed to be (and what have historically been) harmful trade policies. But that is exactly why the police were brought in. The police merely demonstrated a continuing principle in America: that people who truly care must be made to look like dangerous radicals and thus must be dealt with harshly.

This principle was enforced when President Clinton spoke in Seattle a few days after the opening ceremonies. Of course, he first gave token gratitude to the protesters to whom he was speaking. He went so far as to say that the protesters' presence was needed at the conference. But a representative from the demonstrations was never allowed into the conference, as the protesters had demanded — so in what manner were the protesters "needed?" It is also interesting that such a needed group of individuals was shot at, gassed, and arrested throughout the week.

Clinton then found it necessary to admonish the actions of a small group of protesters

that had broken store windows. Not only was this admonishment detrimental to the demonstrations (it served to paint all the demonstrators as "criminals" when the actual criminals were not even affiliated with the main protest), but the lecture about violence somehow failed to reach those with the guns. Evidently, the police are able to display as much violence as it takes to either make the protesters leave or to paint them as a group of violent radicals that truly needed to be subdued.

This is not a new activity of the police, of course. The 1970 shooting at Kent State University showed how necessary it was to open fire on a student demonstration. The "riots" at the 1968 Democratic convention in Chicago proved that police beatings of defenseless demonstrators were truly peacekeeping missions. These incidents and thousands like them show that the police function to maintain the existing rule, no matter how unjust it may be. It doesn't matter if a law is ethically wrong; it will be upheld as long as police exist.

This is not because police officers as humans are necessarily evil; it is because humans, as police officers, are given a ridiculous amount of power to enforce unjust laws. This power is corrupting enough when it is exerted by those who are merely following orders, but it is even more corrupting when it is wielded by racist or otherwise corrupt cops who chose not to follow orders (as in the Rodney King beating).

I do not mean here to suggest some alternative to the present law enforcement (not enough space), nor do I mean to say that our society doesn't need the police at all. It's quite obvious that there are "bad" people (e.g., murderers) who need to be taken out of society, and cops are there to do just that. What's not as obvious is the other function police serve — a function that doesn't get coverage on the eleven o'clock news.

Faces from the Crowd

MIT is Large, but Need Not be Anonymous

Veena Thomas

I hate ruts.

IAP provides us a perfect opportunity to break free of the confines of real classes and of term and gives us the chance to try something new. So when a high school friend of mine e-mailed me asking if I wanted to come and visit her at school for the weekend, I jumped at the opportunity. I had been growing a little weary of campus life and I wanted to spend a few days somewhere else, if at the very least, on a different college campus.

Though we're good friends, the colleges we chose are polar opposites. She attends a small Christian liberal arts college in a suburb. It's about as far removed as possible from a rather large engineering school in the city — the creationism to MIT's evolution. I was very curious.

I ended up spending the evening helping her out with a coffeehouse that her Habitat for Humanity team held to raise money for their trip. About 300 people attended the coffeehouse, fully twenty percent of the college. I asked Jenny if they had been expecting such attendance. "Actually, we're really surprised," she said. "There's also a swing dance going on tonight and they try not to schedule more than one campus event at the same time, in order to increase attendance."

Not being able to have more than one event at a time? I can't even imagine life here with such a philosophy. "Don't you get bored or feel confined by such a small population?" I asked her. Not really, she replied. "It's really nice walking to class and knowing almost everyone you pass along the way." Although she admitted that she didn't know everyone at the coffeehouse, she said that she recognized most of the people there. Hmmm, I've been to MIT events where scarcely anyone looked even familiar.

"Well," I thought to myself, slightly smugly, "I'd never get bored at school. There's so many people I can meet, and so much variety. There's much more diversity than I would find at a small liberal arts school. So what if I don't know everyone I pass on my way to class in the morning? I wouldn't want to feel constricted in a college only slightly larger than my high school. College is the time to meet people, and I want to have as many opportunities to meet people as possible."

So why did I feel so depressed upon

returning to MIT? I didn't see anyone I knew on my walk back from Kendall to LaVerde's. I had plenty of time to think, and the more I thought, the more depressed I became. I chose a fairly large college so I could meet people, but when was the last time I met anyone new? Obviously there are thousands of people at this school, and plenty of potential people to meet, but most people I know aren't meeting new people either. Ours is a somewhat divided campus, separated by cliques, living groups, and clubs. We have the Greek scene, the non-Greek scene, West Campus dorms, East Campus

between various groups on campus. The Millennium Ball aimed to bring together everyone, from undergraduates to grad students to faculty members. Someone was quoted in *The Tech* as being impressed that even fraternity members attended the Millennium Ball, as opposed to having their own parties. Hopefully other campus events, including Spring Weekend, can have the same success. As one example, two Burton-Conner GRTs have the task of proposing a "relations-building event" because "the administration wants to increase the amount of interactions people have on campus."

They are currently in the process of planning a mixer between Burton-Conner and another group on campus.

Any opportunity to meet new people should be utilized to your advantage. Luckily, the beginning of a new term brings many chances. We can avoid ruts. Don't just hang out with your same group of friends all the time. Start up a conversation with that person sitting next to you in recitation, or actually talk to that guy to whom you've always just said hi. Stop and talk to people instead of always rushing off to do something else. We're in an amazing, diverse, large school environment, surrounded by the best and brightest people we could ever hope to meet. There's a reason you didn't go to a small school. Make use of it.

So what if I don't know everyone I pass on my way to class in the morning? College is the time to meet people, and I want to have as many opportunities to meet people as possible.

dorms, and so many other fractures running below the surface. Who's meeting everyone? It's so easy to fall into a rut and hang out with only your friends and refuse to meet anyone new. We might attend a large college, but by remaining in our own little groups, we are no better off than a college one-quarter MIT's size.

Luckily, only a few hours after my depressing walk home from the T station, I

attended the Millennium Ball. I've never seen an MIT event bring together so many people before. So many events, like Demecoming, attempt to combine disparate elements of the population — yet this one actually succeeded. While I didn't meet anyone new at the ball, I was encouraged. Maybe people at MIT weren't as cold and distant as sometimes I think.

Apparently I'm not the only one concerned about the lack of interaction

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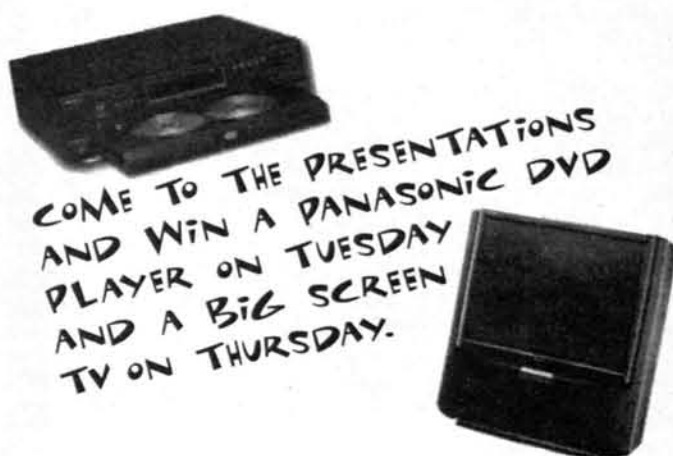
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THE ARTS

THEATER REVIEW

Chess

Fun and Games

By Amy Meadows
STAFF WRITER

An MIT Musical Theatre Guild production
Directed by James Kirtley
Starring Teresa Raine, Bruce Applegate, Ryan Caveney, Jesse Cox '03, Steve Niemczyk G, Dan Katz '03, Seth Bisen-Hersh '01, Niyati Gandhi '02, and David Zych '00
Music by Benny Andersson and Bjorn Ulvaeus
Lyrics by Tim Rice
Based on the book by Richard Nelson
Performed at La Sala de Puerto Rico February 3-6

The Musical Theatre Guild's latest production, *Chess*, is, in a word, about games. Mind games. War games. Political games. And, of course, board games.

Centering around a chess tournament between a player from the United States and one from the Soviet Union, *Chess* attempts to

use the game as a metaphor for personal and political struggles that are occurring simultaneously. *Chess* turns these struggles into a discouraging view of the world: most of them are the result of the characters' own selfishness and false hopes. These negative traits then factor into the manipulations that are part of playing the various games. The plot, however, suffers as a result of being so overextended — trying to incorporate all the different real and metaphorical games.

While the dramatic mood and even the plot are unsatisfying at times, the individual characters did have their moments. It is commendable that the characters could overcome such difficult material to maintain flashes of emo-

tional believability. While the director's notes describe the characters as "generally unlikable," most of the characters were only flawed — severely flawed, perhaps — but still a step up from "generally unlikable."



LEONID DROZHININ—THE TECH

and the second half is in Hungary, focused on the Soviet Anatoly (Ryan Caveney), Florence is a constant between the two places and people. The role is important because Raine brings a glimmer of humanity to the sometimes-tiresome profusion of games and players. Similarly, Ryan Caveney focuses on the humanity of his character as he attempts to ignore his role in the games that are being played.

In the bleakness of most of the play, humor was another element that stood out. The neutral figure, the Arbiter (Seth Bisen-Hersh), for example, gets so absorbed in his role as mediator between the two opposing elements that he (loudly, explicitly, and hence, amusingly) demands respect from the players and their hangers-on.

The part of the musical that is supposed to be the most outstanding (indeed, worth producing at all) is the music. Many of the best musical numbers appeared in the second act when the characters had deepened sufficiently enough to provide an emotional background to the songs. The duets between Caveney and Raine, and between Niyati Gandhi, who played Svetlana, and Raine benefited particularly from this background. However, the sound quality in La Sala de Puerto Rico was less than fantastic. For one, the orchestra was kept behind the stage and curtains. For another, the actors without powerful voices were difficult to hear.

For the most part, the set design just entailed a white background and occasionally some tables and chairs. Again, this could have been improved a great deal. The costumes were essentially drab black and khaki suits (with the occasional Don Johnson influence in the suits of the agent Walter, played by Steve Niemczyk G). The lighting, continuing on the theme of minimalism, was primarily (and symbolically) in blue and red. While there were only four weeks to put the entire play together, any attention to detail when the plot and other factors are lacking can make a big difference.

However, one scene in which the minimalism actually did work was during the "One Night in Bangkok" number (a song that was popularized by Murray Head), which featured Freddie, the American, in the seedy nightlife of Bangkok. Bathing the stage in dim red lights with small white lights, the scene was in stark contrast with the rest of the play. Not only were the costumes and set colorful, but the song was one of the ensemble's strongest combined efforts.

The MIT Musical Theatre Guild's production of *Chess* was certainly not without its flaws. The music was good, but the quality could have been improved. However, there were moments in which the characters surpassed their own negative characteristics to



JAMES CAMP—THE TECH

show some tiny truth about humanity. In total, the elements of the play that worked the best were those that extended beyond the bleakness of the exterior appearance and the play's downbeat messages about games and politics.



JAMES CAMP—THE TECH

FILM REVIEW

Topsy-Turvy

Prelude and Fugue

By Vladimir Zelevinsky
ASSOCIATE ARTS EDITOR

Written and directed by Mike Leigh
With Jim Broadbent, Allan Corduner, Timothy Spall, Lesley Manville, Eleanor David, Ron Cook, Martin Savage, Shirley Henderson, Dorothy Atkinson

The film *Topsy-Turvy* is a curious case, feeling like a five-minute movie preceded by a three hour introduction. As a result, the bulk of it, even despite its numerous achievements, is bound to try the viewers' patience.

Written and directed by Mike Leigh in his usual manner (the casting is followed by a period of intense improvisations, only after which the screenplay is written), *Topsy-Turvy* spans the year between the premiere of Gilbert and Sullivan's *Princess Ida* and the premiere of its follow up, their magnum opus *The Mikado*. It delves into the minute aspects of the two collaborators' characters — their private lives and public surroundings — and the details of the creative process. While doing so, the film is alternately fascinating and slightly tedious; however, it ends on a particularly graceful note.

Of the film's bulk, the first half is the one that works better. It is a full immersion into the fabric of Victorian life: staid and decorous on the surface, turbulent underneath. After the newspaper reviews damned *Princess Ida* with weak praise (justly, by the way; while not devoid of some charm and grace, *Ida* is mostly staid and forced), Sir Arthur Sullivan (Allan Corduner) decides to stop wasting his time on trifles like light opera and concentrate instead on serious music. This leaves his longtime librettist William Schwenck Gilbert (Jim Broadbent) in a creative limbo.

Leigh surrounds his two protagonists, deadpan Gilbert and mercurial Sullivan, with a plethora of fascinating characters, among which are the efficient producer of the Savoy

theatre D'Oyly Carte (Ron Cook) and popular actors of the time, such as Richard Temple (Timothy Spall, the male lead in Leigh's *Secrets and Lies*) and George Grossmith (Martin Savage). Not everything works here — the encounter between Gilbert and his father goes on for much longer than it needs to — but when a scene works, it is marvelous. The scene where Sullivan plays one of his serious compositions (the song *The Lost Chord*) is beautiful, touching, and, above all, shows precisely what kind of music Sullivan longs to write instead of his usual light stuff.

The turning point of *Topsy-Turvy* occurs when Gilbert gets an idea for his next libretto (in an utterly hilarious silent scene). After this, Leigh unaccountably skips some fascinating material — namely the process of actually writing *The Mikado* — cutting directly to Gilbert presenting his finished libretto, and immediately after that, to Sullivan having already completed the score.

The second half of the movie, devoted to rehearsing *The Mikado*, is lighter and more humorous than the first; it is also more schematic. Instead of tracing the process of the rehearsals followed by the opening night performance, Leigh opts to intercut his narrative with scenes from the finished production. It works marvels on one level, when we are allowed to see the magnificent artistic payoff immediately after the elaborate efforts that went into it. On the other hand, this creates a peculiar stop-and-go rhythm: a scene of creative conflict during the rehearsal is followed up by the resolution of this conflict and then by the performance of the result. When this is repeated four or five times, it starts to feel somewhat predictable and mechanical.

This is exacerbated by the fact that *Topsy-Turvy* seems to be targeted at a particular audience, namely one that knows a little bit about Gilbert and Sullivan and their works. People, who are totally ignorant of Savoy operas are most likely to be utterly befuddled

by the frequent references to and many musical numbers from *Princess Ida* and *The Sorcerer*; even the scenes from *The Mikado* are presented out of sequence. G and S experts and connoisseurs, on the other hand, are in a danger of being bored: they know how *The Mikado* came to be, and that Gilbert himself not only wrote but also directed all his works, as well as other Gilbert and Sullivan trivia.

The film holds the audience's attention for all of its three hours, to be sure; there's accomplished acting from the supporting actors and especially from the women, who are all uniformly excellent. There is also a nice visual sense, and the costume design is the best of 1999, bar none. The musical numbers from G and S operas are also neat, aptly directed and very well sung.

So much for the first three hours or so of *Topsy-Turvy*, which end with the rousing performance of *The Mikado*'s finale. What follows after that is nothing short of breathtaking. Instead of devoting the last five minutes to the closure, Leigh makes them the emotional center of the story. In the end, the more apt comparison would be with the music of a vastly different composer: J.S. Bach. The bulk of *Topsy-Turvy*, with its rather simplistic narrative rhythms, is merely a prelude. The ending is the fugue, performed in three scenes, functioning like variations on the same central theme, which was only hinted at during the prelude. In addition, Leigh scores one of these three scenes to the music from *Iolanthe*, which is, for my money, Gilbert and Sullivan's best work, and the most thematically relevant to *Topsy-Turvy*'s ending.

Suddenly, everything instantly comes into focus and creates a stirring thematic resonance: the scene of Gilbert pacing through the slums of London during the premiere of *The Mikado*, very much like a father during his child's birth; Sullivan's relationship with his mistress and Gilbert's relationship with his wife; and the plight of one of the actresses, who had to give away her illegitimate child. All the film's themes are interwoven in a splendid counterpoint.

Ultimately, these last five minutes save the film; I only wish that most of *Topsy-Turvy*'s three hours were tighter and less rambling. If it were so, then all of it would possess the same emotional power as its conclusion.

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THEATER REVIEW

Akhnaten

Shatterproof Egyptian Glass

By Bence Olveczky
STAFF WRITER

The person largely responsible for making Boston's much-anticipated Egyptian Season such a success is the 3,600 year-old Egyptian Pharaoh Akhnaten. For the last few months the Museum of Fine Arts has been displaying an impressive collection of artifacts from his reign in its blockbuster exhibition "Pharaohs of the Sun," and two weeks ago the Boston Lyric Opera delighted its audiences by premiering Mary Zimmerman's beautiful production of Philip Glass's biographical opera *Akhnaten*.

Akhnaten isn't your normal Pharaoh. The enigmatic ruler not only introduced the once-revolutionary concepts of monotheism and monogamy to the world, but he also had the integrity and courage to challenge the Egyptian establishment by championing new forms of artistic expression. But while the known facts about Akhnaten are impressive, it is what we don't know that makes his character so fascinating. Akhnaten's modern appeal stems from our quest to understand his visionary ideas, his beliefs, and his motivations, and to interpret them for our times.

Sadly, Glass's opera doesn't explore or question this pioneer's intellectual legacy. Librettist Shalom Goldman's rendering of Akhnaten's life is disappointingly stale, leaving it to the music and the visual imagery to save the opera. Thankfully the BLO production, helmed by the award-winning director Mary Zimmerman and conductor Beatrice Jona Affron, has all the necessary ingredients to make *Akhnaten* an uplifting and pleasant experience.

After having portrayed Einstein and Gandhi in his previous portrait-operas (*Einstein on*

the Beach and *Satyagraha* respectively), Philip Glass chose the mysterious Egyptian Pharaoh to conclude his trilogy about prophetic personalities. Glass, one of today's most influential composers, was inspired by Akhnaten's rebellious attitude and his individualistic approach to art and religion. Indeed, he may even have discovered a certain kinship to the Pharaoh. For decades, Glass has himself challenged the status quo in classical music by incessantly transforming it from a highly antiquarian endeavor into something vibrant and colorful.

Thus it's no surprise that *Akhnaten* is completely devoid of the sugar-coated arias encountered in the classical operas of Puccini and Verdi. The musical pattern is Glassian to a fault with its hypnotic repetitions of motoric rhythms, a technique successfully borrowed from classical Indian music. Glass' major strength is his ability to create monumental and mesmerizing compositions from simple building blocks — a trademark quality that has earned him the minimalist

label.

Unfortunately, Glass's talents don't cross the border into storytelling, and *Akhnaten* suffers from a lack of narrative. The opera is a series of staged rituals illustrating fragments of Akhnaten's life: his father's funeral, his crowning, his marriage to Nefertiti and his ultimate demise at the hands of the traditionalist priests. The text, sung in English, Hebrew, Egyptian, and Akkadian (an old Semitic language), is loaded with cryptic associations, obvious symbolism, and "deeper" meanings that come across as banal rather than profound.



It is the orchestra that dominates Glass's score, and the BLO musicians do a remarkably polished job, with the string section (without violins) giving the sound a deep and dark quality.

As with most Glass operas, the choir is used as an instrument, and their utterances are performed with grace and precision. In *Akhnaten*, being more of a choral composition, the soloists aren't as crucial as they would be to a traditional opera, but Geoffrey Scott deserves praise for his rendering of the

Pharaoh. Scott, a 24 year old student at the New England Conservatory, was promoted from understudy to the title role only weeks before the premiere and sung the part well, although he failed to give his character the aura of a mythical figure.

To succeed with his avant-garde operas Glass has traditionally allied himself with

very visual theater directors (most notably Robert Wilson), and the BLO production is no exception. In Mary Zimmerman, Glass found a worthy interpreter of his music. Zimmerman, known to the Boston audience through her work with the Huntington Theatre where she directed the imaginative *Journey to the West* and last year's *A Midsummer Night's Dream*, is also the recipient of the MacArthur Foundation's prestigious Genius Award.

Zimmerman maintains her prestigious reputation with the help of another Boston regular, set designer Scott Bradley, who is emerging as one of the most interesting artists in American theater. He designed the imaginative stage set for American Repertory Theatre's *Ivanov*, and he came up with many striking visual images for *Akhnaten* as well. It is Bradley's poetic imagery, hovering between the stylized and the abstract, that makes the Boston production stand out. Unfortunately Bradley's sparse and subtle stage set is somewhat antagonized by costume designer Mara Blumenfeld's excesses. Her eclectic mix of everything eastern would suit a Gilbert and Sullivan musical very well, but is rather out of place in Glass's minimalist opera.

But all is well that ends well, and in *Akhnaten* the ending is indeed climactic. The second act slowly gathers momentum and builds up to the grand finale in which the Pharaoh is confronted by the high priests and faced with a revolt he can't contain. The final scene, unexpected and humorous, takes place in the present. A rather obnoxious group of American tourists are visiting the ruins of Ikhtaton, Akhnaten's citadel of learning, art, and beauty. Their coarseness is in stark contrast to the refined and enlightened message once heralded by Akhnaten, and it leaves us to ponder whether 3600 years of cultural evolution has really been to our benefit.

Boston's Egyptian Season continues with the Boston Lyric Opera's production of Mozart's The Magic Flute in late March and Boston Ballet's Cleopatra in May.

ALBUM REVIEW

Andy Stochansky

Radio Fusebox

By Fred Choi

ASSOCIATE ARTS EDITOR

In a recent interview for *PlanetOut* Andy Stochansky compared his approach to assembling the order of the songs on his album *Radio Fusebox* to "making dinner for somebody." With *Radio Fusebox* Stochansky has truly prepared an aural feast like none other. An amazing achievement, he does not just create songs, he creates luminous worlds that range from the intimate to the symphonic. The album is honest, moving, virtuosic, and filled with wonderfully tangible textures and moments of crystalline beauty. Although not flawless, *Radio Fusebox* is certainly one of the most impressive albums of the past year in terms of its scope, consistency, and quality, and although many will initially find his sound to be confusing because it is so unfamiliar, any efforts made to listen to it will soon be well-rewarded as Stochansky has proven himself to be one of the scant few artists who has the ability to create truly beautiful songs.

The first and most accessible track on *Radio Fusebox* is "Fly." The song forms the link between Stochansky's first album, *While You Slept*, and his second. The former contains music that is generally easier to grasp and shows more of a connection with his work with punk-folk artist and long-time collaborator Ani DiFranco: "Fly" features rhythmic percussion and catchy vocals that is more prevalent on *Slept* than *Fusebox*. However, this song is also characteristic of the other songs on the album in its idiosyncratic music and lyrics, and in its musical structure, which conscientiously plays with the traditional verse-chorus-bridge form. Stochansky, a percussionist by trade, plays a wonderful variety of percussion, including marimba, drums, sinks, and shakers, and also creates the drum loops on the song "Arrest." Although the percussion is, unsurprisingly, a vastly important part of the texture of each song, it is sensitively integrated such that it rarely overpowers or diverts attention from the purport of the song.

The second track, "Poem for a Small Boy on an Amtrak Train" is a more typical example of the songs that appear on *Fusebox*. This hypnotic track and others like it, such as the stunning "Insect," the sparse "Lake Alaska 4:00 a.m.," and the pointed "Talk Show (Letter to a Friend)," are more difficult to grasp than "Fly," and demand one's full attention, but have commendable traits that soon become apparent. It is easy to see the influ-

ence of the Estonian religious minimalist Arvo Part, whom Stochansky has mentioned in these powerful, serene tracks.

It is in these songs that one's attention is drawn more to the lyrics, and like Stochansky's music they are so unique that one's initial reaction is to discredit them. Cynics might even go so far as to call them amateur or trite, but that is hardly accurate. The novelty of the lyrics on *Fusebox* lies in their construction, in that they are comprised of simple words but combined in a strange mix of the vernacular and the poetic, with such colorful yet cryptic lines as "My lies were naked lying down / palms wide open / so they could spit," from "Arrest" and such direct and unassuming lines as "When you're on your own / do you ever hear her? / 'Cause she talks to you / yes she talks to you," from "Talk Show." Although there are moments throughout the album where one wishes that they were more focused, in general the lyrics are appropriate and highly effective.

The group of songs that rounds out the album are spikier and more forceful, and include such tracks as "Arrest," which is full of urgency and which features a drum loop that makes the listener hope for a Bjork/Stochansky collaboration in the future, and "She Detuned the Orchestra and Left the Room," an intense song that lurches about uneasily. Both tracks feature the excellent Bill Brennan on keyboards, whose presence is vital to the album. Although Andy's collaborators on the album vary widely from track to track, the presence of such artists as Brennan and Adrian Lawryshyn on bass provide a better sense of consistency.

The final track, "She Sang," is a nice, upbeat dessert to cleanse the palate and round out *Radio Fusebox*. Andy Stochansky has moved from playing with such artists as Ani DiFranco, the Indigo Girls, and Barenaked Ladies, to successfully achieving his goal of "reinventing himself," and in doing so has created a masterpiece. He has molded each of his nine songs with the precision of a sculptor and each listen only reveals more of the album's details and more of his talent. *Radio Fusebox* is available at <<http://www.andystochansky.com>>. In addition, Stochansky will be performing tomorrow night, February 9, at the Middle East (427 Massachusetts Ave., Cambridge, MA). And for the musical connoisseur who will be hearing Andy Stochansky's work for the first time I just have one comment: Bon appetit

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ON THE SCREEN

— BY THE TECH ARTS STAFF —

The following movies are playing this weekend at local theaters. The Tech suggests using <http://www.boston.com> for a complete listing of times and locations.

★★★★ Excellent
★★★ Good
★★ Fair
★ Poor

American Beauty (★½)

An extremely annoying movie: this deadpan black tragicomedy is a laughable failure as a work of art, being pretentious, simplistic, and self-important. Excepting a truly remarkable performance by Kevin Spacey (whose part is disappointingly small), there's nothing to this movie beyond tortured metaphors, caricatures instead of characters, and a messy pile-up of red herrings instead of a plot. — Vlad Zelevinsky

Anna and the King (★★½)

Chow Yun Fat is an Oscar-worthy scene-stealer with riveting screen presence as the Thai King Mongkut; the only other three-dimensional character is played by Bai Ling in a passionately sincere performance. Jodie Foster disappoints for the first time as the British governess Anna Leonowens. See the movie for the stunning visuals: gorgeous, sprawling epic

sets, beautiful details, and the regal Chow Yun Fat's performance which keeps lighting up the screen. — Zarminae Ansari

Being John Malkovich (★★★★)

A film so different, so whacked-out, so original, and totally unlike anything else out there — like Monty Python at their most deadpan hilarious. An unconventional mixture of comedy, satire, and frighteningly deep ruminations on the nature of personality. — VZ

The Cider House Rules (★★★)

Despite the fact that the protagonists' name is Homer, this film ends up feeling less like a Homeric epic and more like a Norman Rockwell painting: hardly great art or even art at all, but something with instantly recognizable humanity and an overall impact that can hardly be ignored. Credit this mostly to luminous acting and the screenplay's understated emotional complexity. — VZ

Cradle Will Rock (★★★½)

A rich, visually inventive, amazingly-acted, and consistently hilarious tapestry of art set in the 1930's, weaving together characters from John Cusack's Nelson Rockefeller to Emily Watson's homeless street performer. A perfect opening sequence, a perfect closing shot. — VZ

Galaxy Quest (★★½)

Not quite the *Star Trek* parody that it starts out like; more of a *Star Trek* rip-off, with the same stupid computer graphics, fake sets, plot holes (all of the above rather irritating), and general air of amiable nonsense (very enjoyable). It's also neat to see a bunch of



Susan Sarandon (left) and John Cusack star in the Touchstone Pictures film *Cradle Will Rock*.

good actors having fun. Rather stupid, really; at the same time, rather cute. — VZ

Girl, Interrupted (★★½)

Exploring the struggles of a teenage girl in a mental hospital, Winona Ryder manages the lows but not highs of her character effectively, creating a somewhat skewed view of the movie. However, Angelina Jolie and Brittany Murphy are excellent supporting actresses and serve to balance the movie, while the rest of the acting is lukewarm. Additionally, the dramatic details, such as the lighting, create moods and scenes that are compelling, but that do not make up for the lack of plot. — Amy Meadows

Magnolia (★★½)

A sprawling incoherent mess of a movie, with a story and characters that manage to be both jaw-droppingly obvious and make no sense whatsoever. On the other hand, the annoying narrative bombast is compensated by great visual verve, and the climactic sequence is simply the most wildly creative bit of filmmaking of 1999, even though it has nothing to

do with the rest of the movie. — VZ

The Talented Mr. Ripley (★★★)

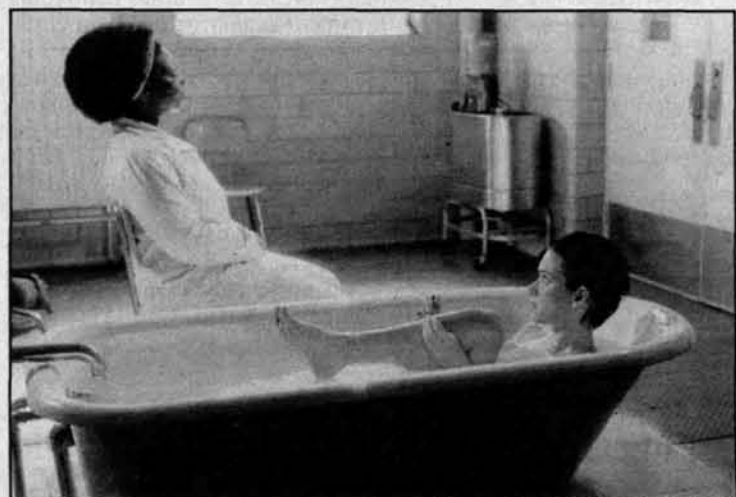
A lot to recommend: a complex plot, accomplished acting (Matt Damon and Cate Blanchett especially), and gorgeous visuals; especially impressive is the degree to which the audience gets to understand and identify with the film's immoral protagonist. A bit too slowly-paced, though. — VZ

Topsy-Turvy (★★★)

Following the trials and triumphs of Gilbert and Sullivan as they create their masterpiece *The Mikado*, *Topsy-Turvy* holds and keeps the audience's attention. But it's the breathtaking final five minutes that make the film worth seeing. — VZ

Toy Story 2 (★★★★)

An instant classic, one of the most creative and fun movies of the year, this completely computer-generated sequel about the adventures of a bunch of toys is clever, funny, complex, and, most surprisingly, deeply emotional. — VZ



Whoopi Goldberg (left) and Winona Ryder in *Girl, Interrupted*.

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FEATURES



Dear Ms. Emotion,

I've been dating my girlfriend for about one month. We're not really serious, but we're exclusive. What should I get her for Valentine's Day?

— Just Starting Out

Ms. Emotion: Well, if you want to be safe, but boring, flowers or candy and a card are always fine. But splurge for the good chocolates: The Coop sells Godiva chocolates in pretty V-Day boxes. Or you could opt for a night out instead of a gift. Send her a card telling her when you'll pick her up, but not where you're taking her, and then treat her to dinner at a nice restaurant. Other options include tickets to a show she'd like to see, a gift certificate for a massage, perfume or perfumed lotion, jewelry, and the standard things you'll find on display in the malls and advertised in magazines. Since you've only been going out for a month, I'd only buy her lingerie if you have enough intimate knowledge of her to know what she'd like and what size she wears.

If you want to get creative then I'll share some ideas from guys that I've dated in the past and some friends of mine. Some of these might be better for couples that have been together longer than a month. One of my favorite V-Day gifts was a scavenger hunt of sorts. My boyfriend gave me a card with clues that led me to a small gift and another card, which led me to another small gift and another card, etc. The last gift was tickets to a romantic comedy that I'd been wanting to see. Finding the gifts was fun, and I was touched that he went to so much trouble.

If you have your own apartment or can arrange the right setting, then I recommend this next "gift." Invite her over to your place and cook a gourmet dinner for her. Light candles on the table and in your bedroom, and play romantic music in the background. She'll probably enjoy having an intimate evening at home for a change.

If you can afford it, take her on a weekend getaway. New Hampshire, Vermont, and Maine are great winter destinations, offering outdoor winter sports, and plenty of cozy inns and B and Bs. If she's more of a city girl, go to NYC for the weekend. See a show, go to dinner, enjoy the nightlife, and maybe even tag along while she shops to show how devoted you are. Weekends away are often just the thing to bring new couples closer together, or

This is a column where we address questions and topics of all kinds concerning sex and relationships. Dr. Do It and Ms. Emotion do not claim to be experts in the fields but have been "around the block" a few times and have seen their share of situations involving relationships and sex. The opinions of Dr. Do It and Ms. Emotion do not necessarily reflect the opinions of this publication.

to reignite the passion in couples who have been dating for a while.

Dr. Do It: I would also like to offer in my two cents on this whole "doing something nice for Valentine's Day" stuff. I agree with Ms. Emotion. All the ideas that she has stated are really great ones. But I also believe that one does not necessarily need a day like Valentine's Day to do something special for the other person in their relationship. You can always make up an excuse to do something special; Valentine's Day is an easy one. But you can also do something special because it's a nice day out or because the way the person looks today reminds you of when you first met him or her. In any case, I strongly advocate keeping the relationship interesting by filling it with new and exciting experiences for both people in the relationship. Of course, the things you do are obviously dependent on the your tastes and interests.

Dear Dr. Do It and Ms. Emotion,

I think it would be really cute if two of my good friends started dating. Can you suggest any ways that I could get them together for Valentine's Day?

— Cupid's Helper

Ms. Emotion: Helper, I am normally against meddling in the affairs of others when it comes to relationships. If you perceive that there might be some chemistry between two of your friends something may most likely happen between them anyway. You can always find out from either of them what he or she might think or feel about the other person. Just talking about that might help get the ball rolling.

Dr. Do It: You could also set up an event such as a dinner or going ice skating and make up an excuse to have to leave early or arrive late. This will allow them to hang out together one-on-one. Or you can suggest they bring one another as a date to a semiformal occasion or party. However, I agree with Ms. Emotion that meddling with the hearts of others and trying to orchestrate a relationship between two people can be potentially disastrous. It might ruin friendships, both between the two people in question or between yourself and either of them.

If you have any questions for Dr. Do It and Ms. Emotion or topics you would like them to discuss, please send them to advice@the-tech.mit.edu.

Viewpoint

Where did you buy your textbooks?



I don't have any textbooks. I'm course IV.
Jennifer M. Braun '02



"I'm still waiting. I'll probably order them"
John I. Rodriguez G

"I didn't ... I borrowed them from upper-classmen."
James W. Humphries III '03

"I'm a lame-o. I went to the Coop."
Jessica E. Hinel '02



"BarnesandNoble.com"
Steve Niemczyk 'G

"Mostly at Quantum ... they're about the same price as the online places, and around \$30 less than the Coop"
Goutam G. Reddy '02
Alex C.H. MeVay '01



"I probably won't buy any. I never buy textbooks"
Grace H. Wang '00



"I haven't yet. Pretty much everywhere has the same prices though, so I'll probably get them at the Coop"
Elicia R. Anderson '01

"Well, I bought all the humanities ones at the Coop, because I couldn't find them anywhere else, but I got all the Course VI ones at Quantum and Amazon.com"
Seth Bisen-Hersh '01



"MITswap. It's really cool and much cheaper."
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This Week in MIT History

By Bushra Makiya

STAFF REPORTER

On February 11, 1893 the Institute Committee, the precursor to our Undergraduate Association, met for the first time. It consisted of ten members during its first term and twelve during the second: the four presidents and two members of each class. Some of Inscomm's responsibilities were to represent MIT student life at the Columbian Exposition in Chicago in 1893 and to select the official pin and colors of the Institute. Its purpose was to promote direct communication between students and faculty. The committee was organized by Albert Farwell Bemis, class of 1893, who submitted a plan to the student body and had it endorsed by the faculty.

By 1913, the growing number of extracurricular activities around the Institute had led to the need of a central governing body larger than the Institute committee. That year, an Undergraduate Association was founded and Inscomm became the governing body of the UA. The UA consisted of committees such as the budget, election, executive, student-faculty, and Walker Memorial committees. Every undergraduate was automatically a member. The first UA meeting was held in April of 1914.

In 1969, a new constitution aimed at better organizing the UA, the Unified University Proposal, was approved by the student body and Inscomm and the UA were replaced by a General Assembly and Executive Committee. By the early 1970s, these two groups had been renamed as the Undergraduate Association and the UA Council as they still exist today.

The UA Council's goals, much like those of its predecessor organizations, are to communicate student concerns and opinions to the Institute and to organize undergraduate events and activities.

To learn more about the history of the Undergraduate Association, visit the MIT Library Archives at <http://libraries.mit.edu/archives/histories/ua.html>.



By Katie Jeffreys
FEATURES EDITOR

In 1937, MIT acquired the Riverbank Court Hotel which it planned to use as graduate student housing. The 400 students it would house were moved from Graduate House (which is now Senior House). The Riverbank Court Hotel was at one time the only hotel in Cambridge, and opened in 1901.

The hotel was arranged in suites, which after modernization and remodeling proved ideal for use as dormitory space. The courtyard was created at this point and spaces such as a lounge, reading room, library, clubroom, buttry, game room and dining room were created. Avery Allen Ashdown, housemaster of the previous Graduate House continued in this role in the new dormitory which was later named for him.

On September 19, 1938, the new Graduate House opened its doors as MIT's first west campus building.

Ashdown House



ANNIE S. CHOI—THE TECH

Got a question
for Dr. Do It or
Ms. Emotion?

They want to
answer it.



<advice@the-tech.mit.edu>

Numerous Options Available to Treat Depression

Depression, from Page One

much

5. Increased or decreased motor activity
6. Fatigue or loss of energy
7. Feelings of worthlessness or guilt
8. Reduced ability to concentrate or think
9. Recurrent thoughts of death

Depression has many causes

Many factors can contribute to major depression. Depression is often triggered by traumatic life events, such as the death of a loved one, divorce, financial problems, or some other significant loss. An episode of depression may be an appropriate response to some of these crises. Such depression, however, is usually time-limited.

Depression is also more likely to co-occur with certain medical illnesses (including stroke, heart disease, cancer, and diabetes), psychiatric disorders (such as anxiety and eating disorders), and substance abuse disorders. In addition, some medications may actually cause clinical depression.

Although it can occur in people who have no family history of depression, those who do have a history can inherit a biological vulnerability for depression. Rates of depression are also especially high among persons suffering from post-traumatic stress disorder.

A person's psychological makeup plays a vital role in determining susceptibility to

depression. People who tend to be pessimistic, have low self-esteem, worry too much, or feel they have little control over life events are at a higher risk for developing depression. Very often, though, it is a combination of biological, cognitive, genetic, psychological, and environmental factors that triggers the onset of a depressive episode.

Gender differences in the prevalence of depression is surprisingly large. In North America, women are 1.7 to 3.0 times more likely than men to experience depression during their lifetime, and one in every four women is likely to experience severe depression.

The causes of depression in women are not primarily biological (as was once believed), but are of a variety of biological, social, and psychological origins. For example, infertility, miscarriages, and surgical menopause can all cause depressive symptoms in women. Mothers of young children tend to be very vulnerable to depression; in fact, the more children a woman has, the more likely it is that she will be depressed.

Abuse is another key factor in triggering depression: in the U.S., at least 37 percent of women have been sexually or physically abused by the age of 21 (some experts believe the rate is actually closer to 50 percent).

The poor and members of minority groups are also extremely vulnerable to depression:

women (along with children) make up 75 percent of the population living in poverty in the U.S.

Poor or minority women also often lack access to basic mental health care. Finally, women are more likely to become depressed if their personality styles tend to be passive, dependent, pessimistic, or negative in attitude. Furthermore, their tendency to brood and dwell on their depression, a process called rumination, contributes to the perpetuation of their depressive episodes.

Many treatment options available

Depending on the severity of the case, depression can be very often be successfully treated with a variety of antidepressant medications, psychotherapies, or some combination of both. Appropriate treatment can help over 80 percent of those who suffer from depression. In a combination treatment, the antidepressant medication is often employed for direct symptom relief, while psychotherapy is employed to teach the individual how to deal with life's problems more effectively.

It is important to note that for many people, depression can be successfully treated on an outpatient basis. On rare occasions, however, particularly for those individuals whose depression is life-threatening or who cannot take antidepressant medication, Electroconvulsive Therapy may be useful.

Drug therapy can be useful, sometimes

even necessary, for treating people suffering from depression. Three groups of antidepressants are used to treat depressive illnesses: tricyclics, monoamine oxidase inhibitors (MAOIs), and lithium.

Depression often makes a person feel overwhelmingly exhausted, helpless, and worthless. The most important thing a person suffering from depression can do for himself is to seek and adhere to treatment. It is important to realize that the negative thinking one experiences during depression typically does not accurately reflect one's situation. Postponing important decisions, and participating in social activities may help improve one's mood. Mild exercise is also recommended. For women, the successful integration of multiple roles (such as mother, worker, volunteer) has been proven to alleviate depression.

In order to help someone who is depressed, the most important thing anyone can do is to help him seek appropriate diagnosis and treatment. This may involve encouraging the individual to seek help, accompanying the individual to the doctor, and making sure that he stays with treatment until symptoms begin to abate. It is important to offer emotional support and to encourage the individual to engage in conversation or social activities. Keep reassuring the individual that in time and with treatment, he will feel better.

TechCalendar

TechCalendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the TechCalendar web page.

Visit and add events to TechCalendar online at <http://tech-calendar.mit.edu>

Tuesday's Events

11:00 a.m. - 1:00 p.m. - **Focus on the Arts.** Women's League talk by Jane Farver, director of the List Visual Arts Center. Bring a bag lunch; dessert and beverages provided. Reservations required. Admission 0. President's House. Sponsor: Office of the Arts.

7:30 - 10:30 p.m. - **Contra Dance for All.** MIT Folk Dance Club presents a Contra Dance. No experience or partner necessary! Live music by John Chambers & Bill Possi; Laura Johannes calling. Refreshments served! Admission 0. W20-407 (Student Center). Sponsor: Folk Dance Club.

12:00 p.m. (2 hours) - **What Does Mathematics do to Physics?** Yves Gingras, Université de Québec au Montréal, Canada. If you plan to attend, call 253-6989 or send an email: dibner@mit.edu. Open. More info: Call Trudy Kontoff at 253-6989. Email kontoff@mit.edu. Rm E56-100.

2:30 p.m. (1 hour) - **Optimization of Chemical Vapor Infiltration with Simultaneous Powder Formation.** Dr. Adi Ditzkowski, Division of Applied Mathematics - Brown University. Refreshments will be served at 3:30 PM in Room 2-349. Open. More info: Call Professor John Bush at 253-4387. Email bush@math.mit.edu. Rm 2-338.

4:00 p.m. (1 hour) - **Minimizing Micromachined Gyros.** John Geen, Analog Devices. Refreshments in Room 34-101 at 3:30 p.m. Open. More info: Call Debroah Hodges-Pabon at 253-5264. Email debb@mtl.mit.edu. Web: <http://www-mtl.mit.edu/>. Rm 34-101.

4:30 p.m. (1 hour) - **Inlet Distortion Characterization for Aeromechanics of Gas Turbine Blades.** Dr. Steve Manwaring, General Electric - Ohio. Refreshments served 4:15pm. Open. More info: Call Lori Martinez at 253-2481. Email dragonl@mit.edu. Rm 31-161.

Wednesday's Events

12:00 p.m. - **Ethnic Conflict.** Professor Roger Petersen, Washington University in St. Louis. Bag lunch; refreshments will be provided. Open. More info: Call Lynne Levine at 253-0133. Email llevine@mit.edu. Web: <http://web.mit.edu/ssp/>. Rm E38-615.

12:10 p.m. - **Shallow water models for gravity currents.** Patrick Montgomery, WHOI. Open. More info: Call Markus Jochum at 3-2922. Email mjochum@mit.edu. Web: <http://www.mit.edu/~mjochum/sack.html>. Rm 54-915.

3:00 p.m. - **Earth Science Applications of the Global Positioning System.** Professor Thomas Herring, MIT, Department of Earth, Atmospheric & Planetary Sciences. 3:00 to 4:00pm: Lecture - open to all interested. 4:00 to 5:00pm: Discussion - open to registered students only. Location for Annual Public Lecture to be announced soon. Open. More info: Call Helen Halaris at 258-5546. Email halaris@mit.edu. Web: <http://web.mit.edu/masgc/www/phase1.html>. Rm 37-212.

4:00 p.m. - **Discovery of the Ancient Coastline in the Black Sea.** Dr. Robert Ballard, Institute for Exploration. Open. More info: Call Katy Croff at 225-7273. Email croff@mit.edu. Web: <http://web.mit.edu/sts/deeparch>. e51-151.

4:15 p.m. - **Shape Avoiding Permutations.** Yuval Roichman, Bar-Ilan University. Refreshments will be served at 3:30 PM in Room 2-349. Open. More info: Call Professor Sara Billey at 253-6544. Email sara@math.mit.edu. Web: <http://www-math.mit.edu/~combin>. Rm 2-338.

4:30 p.m. - **Orphans of the Cold War: The US, China, and the Tragedy of Modern**

Tibet, John Kenneth Knaus, Harvard University Fairbank Center of East Asia

Research. MIT Press Bookstore Bldg-6th Floor conf. room WTO Panel-5pm-E25-111. Open. More info: Call Robin Macdonald at 258-7331. Email robinmac@mit.edu. Web: <http://www-japan.mit.edu/mitjapanprogram/News/index.html>. Rm E38-6F Conf. Rm. 6:00 p.m. - **10-250 Case Presentation** Monthly program for entrepreneurs with speakers and technology-oriented companies focused on the issues of building and growing the business. Students: Free; \$10/Forum members; \$15/non-members. Open. More info: Call MIT Enterprise Forum/Camb at 253-8240. Email mitefcmb@mit.edu. Web: <http://www.mitforum-cambridge.org>. Rm 10-250.

Thursday's Events

12:00 p.m. - **MIT Chapel Concert: Lyricum Woodwind Quintet.** Suite from Ancient Airs & Dances, 16th century compositions set for orchestra by Respighi; Swansea Town, by Gordon Jacob; Miniatures by William Grant Still; Wind Quintet, Op. 59 by John Fersntrom. Admission 0. MIT Chapel. Sponsor: Office of the Arts.

7:00 p.m. - **Fiction Writer and Performer Barry Yourgrau.** The author reads from his new book "Haunted Traveller: An Imaginary Memoir" and screen a 15-minute video clip from his movie "The Sadness of Sex." Admission 0. Bartos Theater. Sponsor: Office of the Arts.

7:45 - 10:00 p.m. - **MIT Women's Chorale Rehearsals.** Rehearsals every Thursday. All women in the MIT community are welcome; new members accepted through Feb 17. Admission 0. Rm 10-340. Sponsor: Office of the Arts.

8:00 - 11:00 p.m. - **Learn to Square Dance.** It's not too late to learn to square dance this spring: MIT-style! No partner or experience needed. This is week number 2 of our class, last chance to get in on the fun. Lobdell. Sponsor: Tech Squares.

4:00 p.m. - **Atmospheric pCO2 sensitivity to the biological pump in the ocean.** David Archer. Open. More info: Call Tieh Yong Koh at 8-6910. Email yong@mit.edu. Web: <http://www-paoc.mit.edu/MASSseries.html>. Rm 54-915.

4:00 p.m. - **Economic Optimization of Off-Line Inspection.** Dr. Yale T. Herer, Dept. of Industrial Engineering, Tel Aviv University. Seminar followed by refreshments in e40-106. Open. More info: Call Dessi Pachamanova at 253-7412. Email dessi@mit.edu. Web: <http://web.mit.edu/orc/www>. Rm E40-298.

4:15 p.m. - **Ensemble Coding of Movement in Motor Cortex.** Nicholas Hatsopoulos, Ph.D., Brown University. Refreshments at 4:00pm, talk to follow at 4:15pm. Open. More info: Call Pat Cunningham at 432-1738. Email pat_cunningham@hms.harvard.edu. Web: <http://hst-hu-mit.mit.edu/>. Rm E25-117.

Friday's Events

7:15 p.m. - **Comedy Collage.** Some of the funniest comedians in the NY-NJ-Boston area. Sponsored by the brothers of Chocolate City, in conjunction with the Black Students' Union, Immobile & others. Admission 2.00. Kresge Auditorium. Sponsor: Office of the Arts.

4:15 p.m. - **A Combinatorial Proof of the Log-concavity of the Number of Permutations with k Runs.** Miklos Bona, University of Florida. Refreshments will be served at 3:30 PM in Room 2-349. Open. More info: Call Professor Sara Billey at 253-6544. Email sara@math.mit.edu. Web: <http://www-math.mit.edu/~combin>. Rm 2-338.

Come join *The Tech* and report on late-breaking news, write about MIT's **win**ning sports teams, review the latest movies, match fonts **s** exactly with Ian, flame about administration policies, eat **free** pizza at our Sunday meetings, take pictures of important people, program our Web server, or count our **money**. Meetings every Sunday at 6 p.m. in Room 483 of the **Student** Center, or call Satwik at 253-1541.

Auto Accident Ends In Pedestrian Death

By Kevin R. Lang
and Matthew F. Palmer
STAFF REPORTERS

An MIT graduate student struck and killed a pedestrian while driving near Central Square Friday evening.

News Briefs

ical Center.

According to police reports, the unidentified student was driving down Massachusetts Avenue at approximately 9 p.m. when he hit the man.

Sergeant Lewis Sullivan, the officer in charge of the accident investigation, said that many causes could have led to the accident. However, he does not believe drugs or alcohol were involved.

No charges have been filed against the driver pending the completion of the police investigation.

Pedestrian accidents around campus are hardly common, yet they are not unheard of. Still, students say they generally feel safe walking or biking around MIT.

"I feel pretty safe" walking around campus, said Kevin E. Atkinson '02. "People really need to wait for the traffic light [on 77 Massachusetts Avenue]."

Andrew P. Lundgren '01 also considered the campus reasonably safe, but added, "I hear screeches out my window." Lundgren lives at MacGregor House, within earshot of Memorial Drive.

Faisal Anwar '03 said he felt Massachusetts Avenue was "not that bad, but the light is confusing." He said he's always careful when walking on Memorial Drive. In 1997, Michele S. Micheletti '00 was struck and killed while crossing

Memorial Drive.

Search for Bates goes national

At the Undergraduate Association's council meeting yesterday, Associate Provost Philip L. Clay '75 discussed the search process for a new Dean for Student Life to succeed Margaret R. Bates, who is stepping down at the end of the spring term.

"Our intention is to identify ... a candidate by the middle of April," Clay said.

While Clay said that an internal promotion has not been ruled out, the next dean will most likely be selected from outside MIT. "This is a national search," Clay said. "The person we expect to fill the job is a dean somewhere."

The new dean will have largely the same duties as Bates, including oversight for housing, the Campus Activities Complex, dining, athletics, and other aspects of student life.

"We're looking for a person who has a passion for excellence," Clay said. "We expect ... a flair for working with people."

Clay said that MIT needs an experienced administrator to handle a \$30 million budget and staff of 300-400 employees, in addition to "demonstrated ability to design and implement change."

MIT will screen at least 100 candidates before narrowing the field to a handful of finalists. Those finalists will then be invited to campus to meet with students, faculty, and current administrators.

The search committee includes students Christopher M. Rezek '99 and Luis A. Ortiz G, several faculty members, and administrators. The committee has hired an academic search firm to assist in the process.

Deutch Retains Some Security Clearances

Deutch, from Page 1

Deutch's actions was overseen by Michael O'Neill, the CIA's general counsel at the time, and executive director Nora Slatkin. CIA security officers concluded that senior officials were protecting Deutch.

One security officer told the inspector general that the "investigation had been one in name only." The report specifically cites O'Neill and Slatkin for impeding the investigation.

The *New York Times* reported that O'Neill believed he had acted properly. "I did not try to delay the investigation of Mr. Deutch," O'Neill said.

Few details regarding Deutch and the ensuing classified report by the inspector general have been made public.

Deutch defends actions as secure

Shortly after Deutch's clearances were revoked late last summer, he declined to comment further than his public statements to the CIA.

In his statement, Deutch said that he had used "CIA-issued computers that were not configured for classified work to compose classified documents ... Although I accept my responsibility for my mistake, I want to make it clear that I never considered the information to be at risk or never intended to violate security procedures."

Although Deutch stepped down as head of the CIA in 1996, he has remained active in the Commission on Non-Proliferation and in advising Tenet. The suspension bars Deutch from information to which he previously had access in these roles.

At that time, the Pentagon also suspended Deutch's security clearance from the Defense Intelligence Agency, the nation's main military intelligence service. Deutch also lost clearance to serve as a member of the Defense Science Board, a high-level panel of scientists who advise the Defense Department on research projects.

But Deutch never lost his industrial security clearance, a Defense Department spokesman said last week in response to inquiries from the *Post*.

Returns to MIT after resignation

After Deutch left the CIA, he returned to MIT's Department of Chemistry. When Deutch's clearances were revoked, President Charles M. Vest said that sanctions against Deutch would "have absolutely no effect on Professor Deutch's role at MIT."

Officially, MIT did not respond or take action after hearing of the security clearance suspension. "The reported clearance suspension is not cause for any consideration, action or statement by MIT," Vest said.

Deutch was sworn in as Director of Central Intelligence in May 1995 and resigned in December 1996. Deutch previously served as the Deputy Secretary of Defense and worked for the Department of Energy, as well as on many educational and government posts.

Deutch joined the MIT faculty in 1970. Deutch served as Chairman of the Department of Chemistry, Dean of Science, and Provost. He was named an Institute Professor in 1990.

Rima Arnaout contributed to the reporting of this story.



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Spring 2000 / 5760

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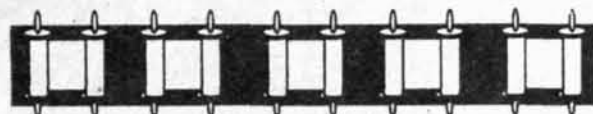
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Racial Bias Alleged

Harvard, from Page 1

Impeachment articles upheld

At a meeting Sunday, former UC Vice President Samuel C. Cohen, a senior, questioned the council's authority to remove popularly elected officials from office.

In response, Driskell, who has supported Burton throughout the ordeal, ruled that the articles of impeachment should be dismissed. Marshall and other officers supporting the impeachment articles immediately motioned for the council to overrule Driskell's decision.

Without acquiring consensus on the issue, the council voted to overrule Driskell's move with a vote of 34 to 22. Impeachment proceedings are scheduled to begin next Sunday.

Racism concerns enter debate

Driskell and Burton claim that they have never accused anyone of racism, but Driskell later told a *Boston Globe* reporter that "Racism at Harvard is a very subtle thing. It's not a phrase to toss around lightly. But we're beginning to wonder."

Some students in the crowd questioned about the role of race in the impeachment debate. "I'm concerned that some motives behind the impeachment process are racially motivated," said Adam R. Russell-Taylor, President of Harvard's NAACP chapter.

Several members of the NAACP chapter attended Sunday's meeting to support Driskell, who claimed that her move to dismiss impeachment was well-supported by students.

While several apologists for Burton appeared in the crowd, defenders of the impeachment proceedings were not shy to address their concerns. "In this election, I have been disgusted by [Burton's] behavior and was very upset by the way he chose to run his campaign," said Hawkins, Chair of the UC Finance Committee. "Burton's actions speak for themselves."

Hawkins joined those signing the petition for impeachment and said that he feared "ethical violations" had tarnished the UC's image.

Supporters of the impeachment articles also quickly dismissed allegations of racism. "The petition to remove [Burton] was signed to investigate allegations of lying and stealing and cheating, not to investigate allegations of being black or white or Latino," said junior Todd E. Plants, who sponsored the resolution calling for impeachment proceedings against Burton.

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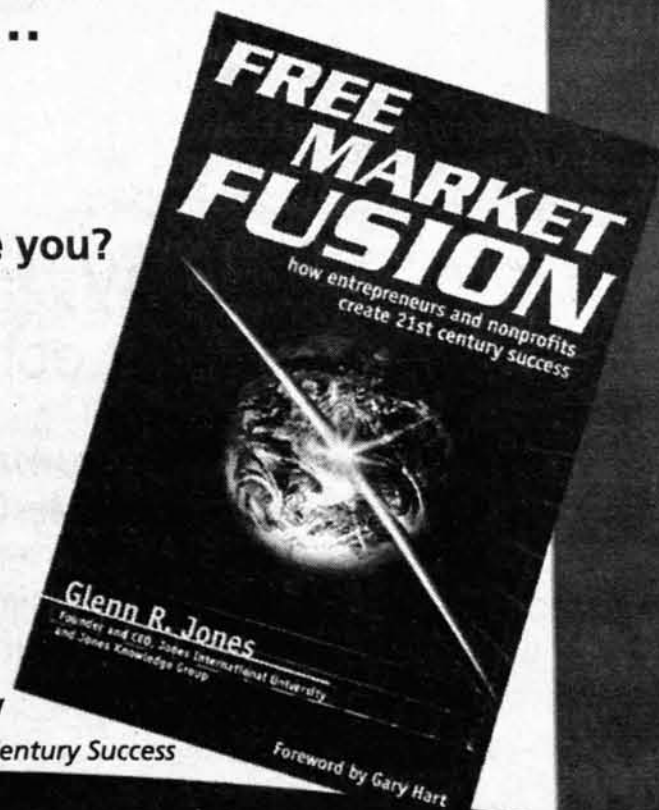
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Dorm Planners Aim For Diverse Populace

New Dorm, from Page 1

E.C. McCants said, "We shouldn't try to figure out the one room configuration that MIT students want, but the twenty room configurations MIT students will consent to live in if pressed."

Asked about the possibility for single-sex floors, Founders Group member and Professor of Materials Science Linn W. Hobbs said, "The idea behind this dormitory is to encourage diversity rather than dividing people by any kind of denominator."

However, McCants said that as a result of the "vertical and horizontal spacings" in the dorm, students will be able to create communities of their own without difficulty.

'Student Art' may be included

One topic discussed in depth was the possible role of student art in the dormitory. MIT has commissioned two artists to create works for the building. Some students asked whether the dormitory would include outlets for student art, such as painting room walls or decorating lounges.

"Given what we're going to spend on this dorm to get it right, the expectation is we're going to try

to preserve this design," said Chancellor Lawrence Bacow '72.

However, McCants noted that one of the commissioned artists, Dan Graham, was "intrigued by the spontaneous student art in East Campus, especially the Elvis Shrine."

Student involvement discussed

The Founders Group is currently in the process of forming subcommittees to determine the character of the new dormitory's community.

"We're trying to prevent the community from being just 350 undergraduates who happen to show up accidentally. We want them to have a community to move into," McCants said.

Student members of the Founders Group offered brief presentations of the topics to be addressed by the subcommittees, including the food available in the dining room and cafe, house government, overall community, and use of facilities.

"Hopefully there were students out there [in the forum] who will want to get involved in the planning, and who will maybe even want to live in the building," McCants said.



Rashawn Ross, Jason Palmer and Lasim Richards of the New Millenium Group perform during the Jazz Homecoming Concert sponsored by Groove Phi Groove Friday in Kresge Auditorium.

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GSC Meeting Minutes

Feb. 2, 2000

Housing issues update

There will be 120 more beds available in NW30 after the current renovation, which is scheduled to be completed by fall 2001. The lease will involve nine months' renting to graduate students, with the remaining summer months open to conference. More graduate residence space is needed at MIT, and these 120 beds in NW30 are only a stopgap measure.

Worthington place has approximately 40 empty apartments right now, out of 60 that MIT has committed to filling. MIT is losing \$90,000 a month on these apartments. The GSC proposed renting these rooms to students at discounted rates, but was turned down by the administration.

Because of cost of living increases, the administration is looking for some faculty support to increase stipends.

GSC involved with dean searches

The GSC president is on the committee to search for the new deans. The committee has two sectors, Student Life and Education. The GSC president is on the Student Life sector. He is seeking recommendations from students for candidates.

Awards

The council decided to give out two monthly awards to members who have made significant contributions during the month. This month's Awards of Excellence go to Yai Boonsale for the Career Fair, and to Adam Lorenz for the successful organization of many interesting Activities Committee events.

Graduate and business networking

A group of Sloan School and engineering students has been working on an integration project. There are strong intentions of Sloan students to establish relations with engineering students. Engineering students also have an interest in commercializing their skills.

Projects currently under planning include a big kick-off meeting (wine tasting), lecture series, and lab tours geared to Sloan students (engineering students can cross-visit labs, too). Anyone who has idea inputs or wants to volunteer can email Ryan Kershner (rjoek@mit.edu) or Jim Lee (jim_lee@mit.edu).

The GSC will give each representative \$100 to organize social occasions at the departmental level. We hope departments will also match funds.

Committee reports

The Activities Committee's next meeting is on February 8. The committee is planning on a social with the MIT museum, a week from this Friday at 5:30 p.m. A jazz band will be playing at the social.

The Housing and Community Affairs Committee's next meeting is on February 16 in Ashdown House. The committee is working on revamping the housing lottery system. It is also making efforts to provide an alternative guide to graduate housing. The guide will be designed to give graduate students more information before they attend MIT, including current students' uncensored views about housing.

Pub Board's next meeting is on Feb. 10. The February issue of the *Graduate Student News* will feature advisory issues and IAP activities. The publicity branch of the board is working on questions such as what is the most effective way to reach out to graduate students, and what graduate students know about GSC.

The Muddy Charles is having the next meeting on March 7. It is exploring a new food program.

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Information

Graduating Housing the deadline to apply for the Continuing Student on campus summer and fall 00-01 vacancies in family and single graduate student apartments and dormitories is 5:00 p.m. on Tuesday, February 29, 2000. On March 1, 200 there will be a housing lottery for any fully registered continuing graduate student wanting on-campus housing for the 00-01 academic year. Applications are available in Graduate Housing in E23-133, and must be returned by the deadline to the same office. Applications are also available on line at : <http://websis.mit.edu/cgi-bin/aghswapp/sh> Any questions, call 3-5148 The Graduate Housing Office will be closed on Wednesday, March 1, 2000 due to the lottery.

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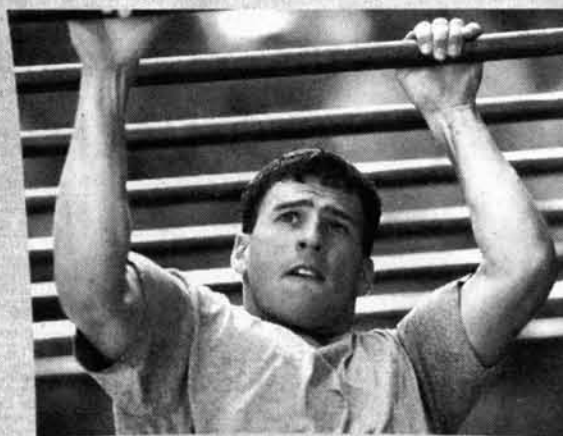
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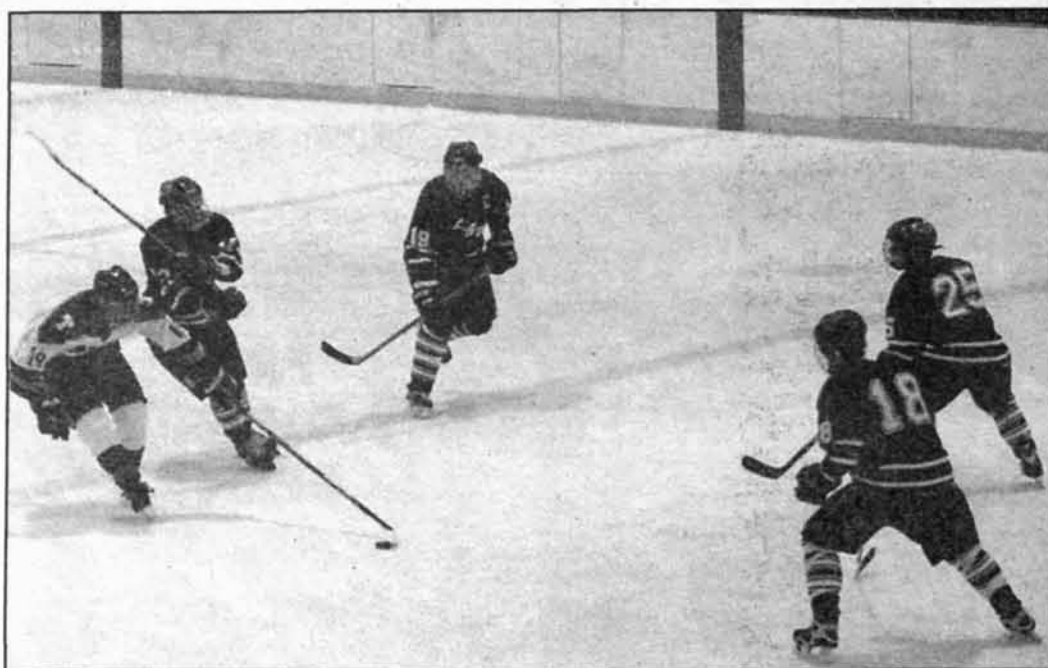
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Avishai Geller '01 faces four opposing skaters as he enters the opponents' zone in Wednesday's match against Central Connecticut. The engineers continued their four game winning streak with a 4-3 victory.

STEFAN CARP—THE TECH

MIT Nordic, Alpine Squads Start Strong

Lucky Sevens For The Alpine Squads At Waterville Valley

By Jonathan Shefftz
HEAD COACH

The men's and women's alpine squads of MIT's varsity ski racing team turned in some strong performances at their second of five regular season race weekends at Waterville, NH. Men's and women's teams both finished seventh on the slopes.

Plymouth State hosted the season's second race weekend at Waterville Valley on January 29-30. The women entered the weekend in ninth place in the cumulative standings, but only one point behind eighth-place St. Anselm, and another point behind seventh-place Babson. The men entered tied for eighth with St. Anselm.

Saturday raceoff

New England's Mother Nature surprised the skiers with sunny skies, perfect temperatures, and not even a stiff breeze. The skiers then decided to surprise themselves by turning in their best performances so far this season. On Saturday's long slalom course with its many difficult drop-offs, Marcy Paul '03 took 19th, followed by captain Marianne Okal Jr. '02 and Mallory Briggs '03.

Following the example of the women, co-captain Ryan Maupin '00 and Nick Kulkarni '02 took 37 and 38 respectively, followed by Tom McBride '00, Fay Fucetola '01, and Dan Zelazo 'G.

Slalom races

For Sunday's even longer giant slalom course, Paul kept up her top 20 weekend with a 20th-place finish, followed by Briggs and Okal. The women slipped behind St. Anselm, but stayed ahead of Babson and UConn for eighth.

The men turned up the speed with Maupin in 31st, followed by Kulkarni, Fucetola, Jonathan Bates '03, and (a few crashes later) co-captain Todd DuMond '00. This led the men to another seventh-place finish, this time ahead of Babson, St. Anselm, and UConn.

The nearly perfect weekend was unfortunately marred by a serious accident that up-and-coming skier Mike McCarthy '02 experienced during some casual post-racing skiing in the "terrain park" at the end of Saturday's race. McCarthy caught too much air off a large jump, and landed on the tails of his skis, resulting in a compound fracture of his tibia. On a positive note, the ski patrol were amazed by McCarthy's controlled demeanor, calmly joking around with the patrollers and even trying to convince a teammate to take a picture of the bone protruding through his skin. The team wishes him a speedy recovery.

With the end of IAP and the start of spring semester classes, training for the most part has reverted to local areas, supplemented by occasional daytrips to New Hampshire. The next race is hosted by Brown University and UConn at MIT's "home" area: Loon Mountain. The women are currently in a three-way tie for seventh place in the cumulative standings with Babson and St. Anselm. The men are in eighth, and only one point off seventh-place Babson.

Nordics Take Second Place In Opener

By Jessica Kleiss
TEAM MEMBER

The nordic ski team had its first regular season races this past weekend, after a long week of training camp in Quebec. Tired, but hungry to race, the skiers made the 12-hour journey from Mont Sainte Anne to their meet in Rochester, New York. The three women skiers, MIT's first full women's team in four years, tied for second place with Cornell, behind top-ranked Clarkson.

Teams present at the meet included Clarkson, Cornell, West Point, Skidmore, Alfred, and Colby Sawyer College. Saturday's race was a 10K classic-style for both the women's and men's teams. Jessica Kleiss '00 led the way for MIT, finishing second place. Teresa Hung '02 and freshman sensation Jessy Baker rounded out the women's team with 7th and 10th place finishes, respectively.

The rapidly rising temperatures and rough trail conditions made ski waxing especially difficult for the men's race. Defending national champion Sam Coradetti '02 overcame the difficult trail conditions and managed a 6th place finish, followed closely by Jim Berry '00 and Tim Garnett '02 in 7th and 8th places. Other finishers included Derek Southwell '01 (10th), Chris Testa '03 (17th), Brad Olsen '03 (20th), Karl Magnus Mclethie '02 (25th), and Alex MeVay '01 (27th). The top three men gave the Engineers second place behind Clarkson, whose top three skiers swept first, second, and third places.

Hungry for redemption, both the MIT men's and women's teams faced a skate relay on Sunday. The men's 3 x 8 kilometer relay was suspensefully tight, as Southwell, Berry, and Coradetti skied neck-to-neck the entire race with the Clarkson relay team. Just 300 meters before the finish line, Coradetti powered into a speed burst to pull ahead of Clarkson, securing a victory for the men. MIT's second men's team of Garnett, Olsen and Testa finished with an impressive third place finish.

The women's 3 x 5 kilometer race was equally exciting and victorious. Baker flew into the tag zone just meters ahead of Cornell. Hung held onto a solid second place, despite taking three wrong turns during her race. When Kleiss took over, Cornell had taken the lead by 45 seconds. Kleiss tore up the course, passing Cornell by the 4 kilometer mark, and finishing with the fastest women's time of the day.

Saturday evening entertained a refreshing 1.5 kilometer moonlight sprint. The trail was dimly lit with torches, but the sprinting skiers had to use their night vision and ski racing intuition to navigate the trail. MIT had an incredibly strong finish, taking first in both the women's and mens competition.

After months of searching, the team is excited that they have finally secured a coach for the team. The nordic Engineers look forward to a successful season on the snow.

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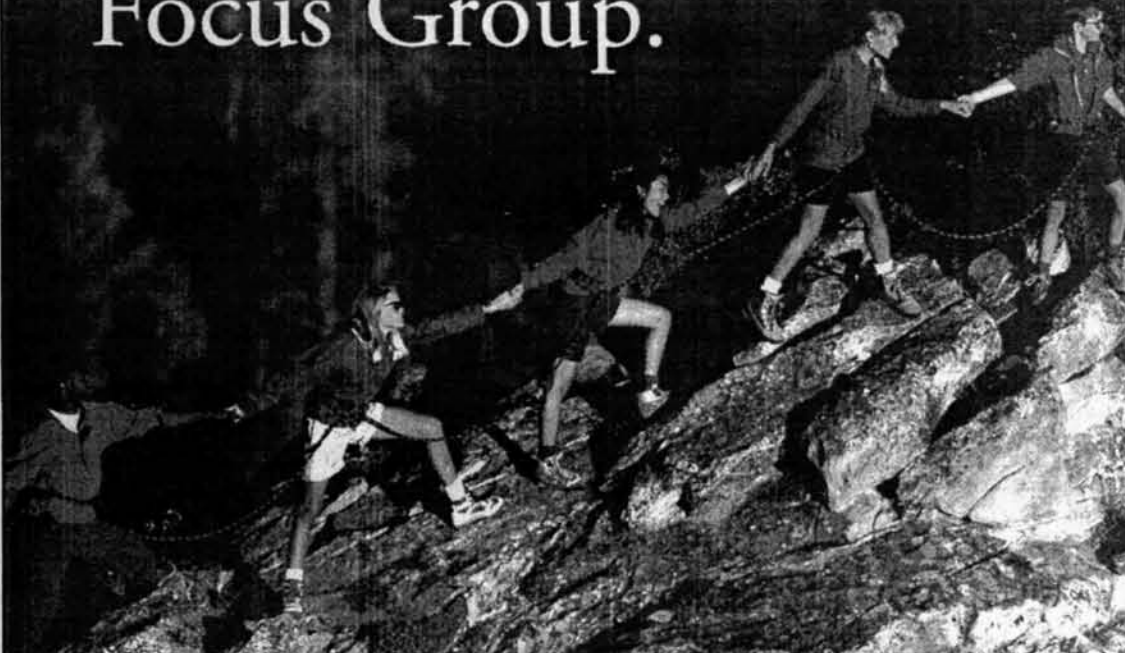
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SPORTS

Gymnastics Remains
In Last, but by LessBy J.C. Olsson
TEAM MEMBER

The Engineers faced the formidable opponents of U-Mass and Southern Connecticut last Saturday.

The showdown ended in victory — MIT lost by less.

The better teams are indubitably feeling the pressure from MIT's gain; a simple mathematical extrapolation promises that MIT will close the gap and finally defeat their U-Mass foes in 26 competitions, or slightly under 3 years.

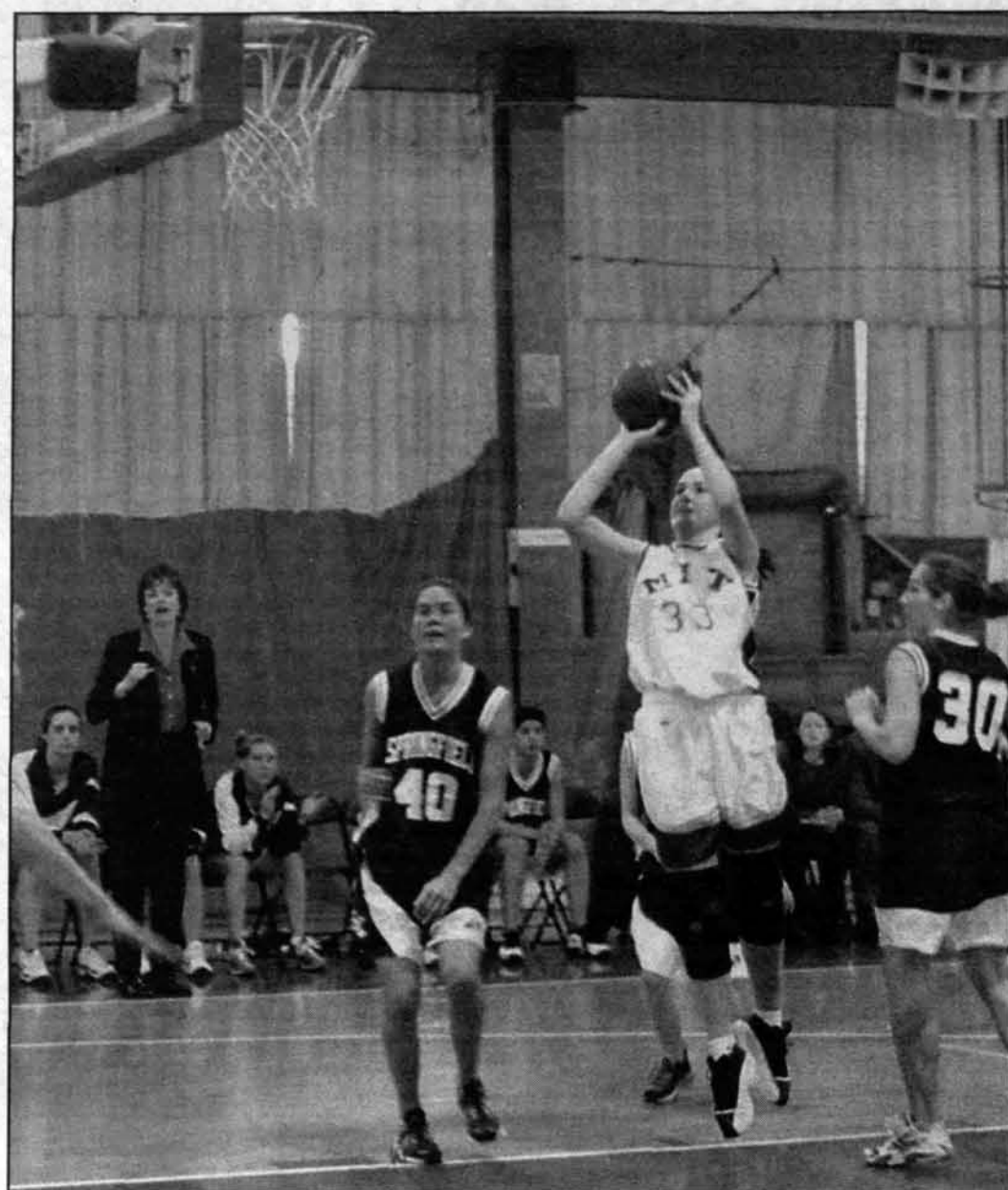
The Engineers had a rough start to the competition, but pulled it together in the end. MIT spent a good part of their floor routines sitting on their behinds — all except freshman Damian Engen, whose polished set earned him a respectable 8.1.

Pommel horse saw a good show from the injured stalwart David Hu, who broke the halfway mark with a 5.4. However, the Engineers weren't able to keep the momentum going until the vault event, on which Rafael Vazquez '01 deftly sailed over the horse, literally inches from

his crotch, to earn a 6.6. This was followed by Alex Raine G, who hit the best pike-through vault of the competition for a 6.95. These results put the sixth vaulting position into contention between Rafael and Josh Weaver '04. It is questionable whether Josh's most recent vaulting maneuver, a combination between a cannonball and the After Dark Flying Toasters module, will edge out Raf's flying straddle.

After starting the season with three 6.0s from consecutive competitions, Max Fischer '00 managed to break this streak by over half a point on a solid 6.65 ring set. Although John Tilly '00 scored half a point lower, he earned it back in respect for putting his iron cross at the end of his routine. "The other gymnasts make it look too easy — I prefer to make it look hard," Tilly avowed.

Overall, a lack of stamina and tendency towards slovenliness limited the Engineer's ability to beat anybody. Halfway through the season, yet at the start of a havoc-wreaking term, the men's gymnastics team has no choice but to shift gears and, as their motto goes, "suck less."



ROSHAN BALIGA—THE TECH

Cristina Estrada '01 goes up for a jumper during MIT's loss to Springfield college last week.

UPCOMING HOME EVENTS

Wednesday, February 9

Men's Hockey vs. Community College of Rhode Island, 7:30 p.m.
Wrestling vs. Western New England College and New York University, 7:00 p.m.

Thursday, February 10

Squash vs. Connecticut College, 5:00 p.m.

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